STIC Search Results
Feedback Form

Questions about the scope or the results of the search? Contact *the EIC searcher or contact*:

**Pamela Reynolds, EIC 2600 Team Leader
306-0255, CPK2-3C03**

Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:* [   ]   *Example: 2612*

➤ *Relevant prior art **found**, search results used as follows:*

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.
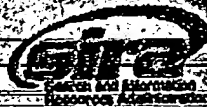
Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
  (journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art **not found:***

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC 2600 CPK2-3C03

STIC Search Report

EIC 2600

STIC Database Tracking Number: 135516

TO: Scott Beliveau
Location: PK2-6C41
Art Unit : 2673
Thursday, January 06, 2005

Case Serial Number: 09/741,916

From: Samir Patel
Location: EIC 2600
PK2-3C03
Phone: 306-0254

Samir.patel@uspto.gov

Search Notes

Dear Examiner

Please find attached the search results for 09/741,916. I have used the search strategy as per our discussion. I have searched the standard Dialog files, IBM TDBS, IEEE, Proquest and the internet.

If you would like a re-focus please let me know.

Thank you

Samir Patel

6

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB# 141663

Requester's Full Name _Scott Beliveau_ Examiner #: _79346_ Date: _1/4/05_

Art Unit: _2614_ Phone Number _305 4907_ Serial Number: _09/741 916_

Location: _PK2_ Results Format Preferred (circle): **PAPER** DISK E-MAIL
GC4\

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the electe
species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any
terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertiner
claims, and abstract.

Title of Invention: _Conditional Access system for controlling The Access to DATA Conte._

Inventors (please provide full names): _See Attached_

Earliest Priority Filing Date: _12/22/1999_

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial
number.

Looking for an entitlement (gw) message (Ecm/Emm) that specifies
an ~~button~~ "event NUmBeR RAnge" of PRogRAms

TV   PPV
VOD   Pay Per View
On Demand   _____
~~decrypt + CW key + pres~~ video distribution
            Cable

PK Booking

****

STAFF USE ONLY

Searcher: _Patel Samir_

Searcher Phone #: _306-0254_

Searcher Location: _PK2-3 (o9_

Date Searcher Picked Up: _8:30A M/1/05_

Date Completed: _5:15 P.M/ 1/05_

Searcher Prep & Review Time: _2 | 0_

Clerical Prep Time: _____

Online Time: _180_

Type of Search

Sequence (#)_____

AA Sequence (#)_____

Structure (#) _____

Bibliographic _____

Litigation _____

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog _√_ _780$_

Questel/Orbit _____

Dr.Link _____

Lexis/Nexis _____

Sequence Systems _____

WWW/Internet _IEEE, Proquest, google, Research_

Other (specify)_____ disclosu

Set	Items	Description
S1	5567	ENTITLE()MENT OR ENTITLEMENT??
S2	15477	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	76071	RANGE??(7N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()LI-NE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRA-M?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	112384	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR E-VENT??)
S5	59852	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR.PLOT?? OR STORY()L-INE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGR-AM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	358891	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	326563	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	17	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	0	S2 AND S3 AND (S6 OR S7)
S10	0	S2 AND (S4 OR S5) AND (S6 OR S7)
S11	17	S2 AND S3
S12	14	RD (unique items)
S13	9	S12 NOT PY>1999
S14	0	S13 AND (S6 OR S7)
S15	5	S1 AND S3

```
S16     5    S15 NOT S12
S17     0    S16 AND (S6 OR S7)
S18    48    S2 AND S4
S19     0    S18 AND (S6 OR S7)
S20    50    S1 AND S4
S21     1    S20 AND (S6 OR S7)
S22     1    S21 NOT (S11 OR S15)
S23    13    S2 AND S5
S24    10    RD (unique items)
S25     6    S24 NOT PY>1999
S26     0    S25 AND (S6 OR S7)
S27     1    S25 NOT (EQUIVALENT(2N)CIRCUIT(2N)MODEL OR EXTRACELLULAR(2-
             N)MATRIX??)
S28     0    S27 NOT (S11 OR S15 OR S22)
S29     1    S8 AND (S1 OR S2)
S30     1    S29 NOT (S11 OR S15 OR S22)
```

21/3,K/1   (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06344508   SUPPLIER NUMBER: 69208843
THE GO GUIDE: Answers to 6 frequently asked questions should shed some
light Travel 2001 Directory
Bosonetto, Clara
Atlanta Journal the Atlanta Constitution, p K; 16
 Mar 4, 2001
 NEWSPAPER CODE: ATCJ
 DOCUMENT TYPE: Column; Newspaper article
 LANGUAGE: English   RECORD TYPE: ABSTRACT

...ABSTRACT: schedules are unavoidable. Major airlines are under no
federal requirement to provide customers with certain **entitlements** in
these situations. It's up to you to know individual airline policy (check
www...

...11 car/rail partners). Both permit you to fund a particular
airline/hotel partner account **on   demand** . But experts suggest that, for
flexibility, you also carry a Visa or MasterCard affinity card that
partners with a **particular** frequent flier or hotel guest **program** .

30/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

7832226   INSPEC Abstract Number: C2004-02-6130S-082
 Title: Privacy in an identity-based DRM system
  Author(s): Conrado, C.; **Kamperman, F.** ; Schrijen, G.J.; Jonker, W.
  Author Affiliation: Philips Res., Eindhoven, Netherlands
  Conference Title: Proceedings. 14th International Workshop on Database
and Expert Systems Applications   p.389-95
  Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
  Publication Date: 2003 Country of Publication: USA   xxi+987 pp.
  ISBN: 0 7695 1993 8   Material Identity Number: XX-2003-02957
  U.S. Copyright Clearance Center Code: 0-7695-1993-8/03/$17.00
  Conference Title: Proceedings. 14th International Workshop on Database
and Expert Systems Applications
  Conference Date: 1-5 Sept. 2003   Conference Location: Prague, Czech
Republic
  Language: English
  Subfile: C

  Author(s): Conrado, C.; **Kamperman, F.** ; Schrijen, G.J.; Jonker, W.
  ...Abstract: deals with these issues and still allows the device to
securely check the user's **entitlement** to the content.

```
File    9:Business & Industry(R)  Jul/1994-2005/Jan 04
           (c)  2005   The Gale Group
File   15:ABI/Inform(R) 1971-2005/Jan 05
           (c)  2005 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2005/Jan 05
           (c)  2005 The Gale Group
File   20:Dialog Global Reporter 1997-2005/Jan 05
           (c)  2005 The Dialog Corp.
File   47:Gale Group Magazine DB(TM) 1959-2005/Jan 04
           (c)  2005 The Gale group
File   75:TGG Management Contents(R)  86-2004/Dec W1
           (c)  2004 The Gale Group
File   80:TGG Aerospace/Def.Mkts(R)  1982-2005/Jan 05
           (c)  2005 The Gale Group
File   88:Gale Group Business A.R.T.S.  1976-2005/Jan 03
           (c)  2005 The Gale Group
File   98:General Sci Abs/Full-Text 1984-2004/Sep
           (c)  2004 The HW Wilson Co.
File  112:UBM Industry News 1998-2004/Jan 27
           (c)  2004 United Business Media
File  141:Readers Guide 1983-2004/Sep
           (c)  2004 The HW Wilson Co
File  148:Gale Group Trade & Industry DB 1976-2005/Jan 05
           (c)2005 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
           (c)  1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2005/Jan 05
           (c)  2005 The Gale Group
File  264:DIALOG Defense Newsletters 1989-2005/Jan 05
           (c)  2005 The Dialog Corp.
File  484:Periodical Abs Plustext 1986-2005/Jan W1
           (c)  2005 ProQuest
File  553:Wilson Bus. Abs. FullText 1982-2004/Sep
           (c)  2004 The HW Wilson Co
File  570:Gale Group MARS(R) 1984-2005/Jan 05
           (c)  2005 The Gale Group
File  608:KR/T Bus.News. 1992-2005/Jan 05
           (c)2005 Knight Ridder/Tribune Bus News
File  620:EIU:Viewswire 2005/Jan 04
           (c)  2005 Economist Intelligence Unit
File  613:PR Newswire 1999-2005/Jan 03
           (c)  2005 PR Newswire Association Inc
File  621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 05
           (c)  2005 The Gale Group
File  623:Business Week 1985-2005/Jan 05
           (c)  2005 The McGraw-Hill Companies Inc
File  624:McGraw-Hill Publications 1985-2005/Jan 05
           (c)  2005 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2004/Dec 31
           (c)  2005 San Jose Mercury News
File  635:Business Dateline(R) 1985-2005/Jan 05
           (c)  2005 ProQuest Info&Learning
File  636:Gale Group Newsletter DB(TM) 1987-2005/Jan 05
           (c)  2005 The Gale Group
File  647:CMP  Computer Fulltext 1988-2005/Dec W3
           (c)  2005 CMP Media, LLC
File  696:DIALOG Telecom. Newsletters 1995-2005/Jan 04
           (c)  2005 The Dialog Corp.
File  674:Computer News Fulltext 1989-2004/Dec W2
           (c)  2004 IDG Communications
File  810:Business Wire 1986-1999/Feb 28
```

Set	Items	Description
S1	149664	ENTITLE()MENT OR ENTITLEMENT??
S2	59840	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	265443	RANGE??(7N)(PREVIEW?? OR STORYLINE??? OR PLOT?? OR STORY()-LINE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PRO-GRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	568163	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE?? OR TRAILER?? OR CLIP?? -OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S5	381532	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-INE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROG-RAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	4389037	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	2919377	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	1	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	1	S2(25N)S3(25N)(S6 OR S7)
S10	19	S2(25N)(S4 OR S5)(25N)(S6 OR S7)
S11	8	RD (unique items)
S12	0	S11 NOT PY>1999
S13	38	S2(25N)S3
S14	33	RD (unique items)
S15	22	S14 NOT PY>1999
S16	84	S1(25N)S3
S17	0	S16(25N)(S6 OR S7)
S18	84	S2(25N)S4
S19	6	S18(25N)(S6 OR S7)
S20	3	RD (unique items)
S21	3	S20 NOT S9
S22	433	S1(25N)S4
S23	0	S22(25N)(S6 OR S7)
S24	59	S2(25N)S5
S25	0	S24(25N)(S6 OR S7)
S26	29	RD S24 (unique items)
S27	12	S26 NOT PY>1999
S28	12	S27 NOT (S9 OR S21 OR S15)
S29	254	S1(25N)S5
S30	3	S29(25N)(S6 OR S7)
S31	1	RD (unique items)
S32	1	S31 NOT (S9 OR S21 OR S15 OR S28)

— titles only (handwritten annotation next to S14)

— titles only (handwritten annotation next to S27)

?

06081192   SUPPLIER NUMBER: 83553967
**Conditional access system interoperability through software
   downloading.(Abstract)**
 Kamperman, Frankan ; Rijnsoever, Bart van
IEEE Transactions on Consumer Electronics, 47, 1, 47(8)
Feb, 2001
DOCUMENT TYPE: Abstract   ISSN: 0098-3063   LANGUAGE: English
RECORD TYPE: Abstract

AUTHOR ABSTRACT: Interoperability between Conditional Access (CA) Systems
and Set-Top Boxes (STBs) - CA-STB interoperability - has been an issue from
the very beginning of receiver development for digital pay-TV.
Interoperability ensures that any service can be received on any
(interoperable) STB. The Common Interface solutions SimulCrypt and
MultiCrypt are now standardized. However, these solutions have a number of
disadvantages, including the need for service providers to agree on using
each other's system, increased bandwidth usage, inflexibility, cost, and
limited functionality.
      This paper describes another solution for CA-STB interoperability,
based on downloading interoperable software into the STB. It provides full
CA-STB interoperability. Furthermore, it can be introduced relatively
easily into future STBs and will require only minimal changes in current CA
systems.

 DESCRIPTORS: Consumer electronics--Research; Digital television--Research
 ; Set-top boxes--Research
 FILE SEGMENT: AI File 88

Kamperman, Frankan ...

    ...film scores would be pillaged for his concert works and vice versa.
These four suites **range** from the 12-part **TV** **film** My Past and Thoughts
(1973) to an adaptation of Bulgakov's The Master and Margarita...

... BERIO Voci, Naturale Kim Kashkashian (viola), Robyn Schulkowsky
(percussion), Radio Symphonieorchester Wien/ Dennis Russell Davies (**ECM**
 New Series 1735)
?

15/TI/1   (Item 1 from file: 9)

Marks & Spencer: A British tradition

 15/TI/2   (Item 1 from file: 16)

ELECTROHOME INTRODUCES NEW 15" HI-RES COLOR MONITOR

 15/TI/3   (Item 1 from file: 47)

Biber: Passacaglia in G minor; Hartke: Caoine; Reger: Chaconne; Rochberg:
  Caprice Variations; Bach: Partita No.1.(Michelle Makarski) (sound
  recording reviews)

 15/TI/4   (Item 1 from file: 80)

Updates on TRDI's R&D Programs

 15/TI/5   (Item 2 from file: 80)

THREAT SIMULATION IN EW SUITE TESTING

 15/TI/6   (Item 3 from file: 80)

PERFORMANCE, RELIABILITY, MOBILITY: GERMANY'S TRM3D RADAR

 15/TI/7   (Item 4 from file: 80)

THE ROYAL AUSTRALIAN NAVY'S NEW SUBMARINE SELECTION: NEVESBU/ROTTERDAM...

 15/TI/8   (Item 5 from file: 80)

RADAR VIDEO GENERATORS FOR NAVY

 15/TI/9   (Item 1 from file: 88)

Tech releases. (product announcement)

 15/TI/10   (Item 1 from file: 148)

Reviving a giant. (Douglas Aircraft Co.)

15/TI/11   (Item 2 from file: 148)

**Rephase in the works for B-1B upgrade plan ... Congress warns: don't start
from scratch with ECM. (conventional weapons systems, electronic
countermeasures for B1-B bomber) (Defense Digest)**

15/TI/12   (Item 3 from file: 148)

**EW agressor squadron moves out. (the Air Force's Electronic Warfare
Agressor Program)**

15/TI/13   (Item 4 from file: 148)

**Tit for tat, where's it at? A snapshot of current ECCM. (electronic
counter-countermeasures)**

15/TI/14   (Item 5 from file: 148)

Sanders Associates Inc. reports third-quarter results.

15/TI/15   (Item 1 from file: 160)

IF/RF logamps catch speedy pulse trains

15/TI/16   (Item 1 from file: 484)

Direct from Yamaha

15/TI/17   (Item 2 from file: 484)

Michelle Makarski, violin

15/TI/18   (Item 1 from file: 621)

**ELECTROHOME ANNOUNCES INDUSTRY'S FIRST MONITOR TO HANDLE MULTIPLE COLOR
CARDS**

15/TI/19   (Item 1 from file: 624)

Rockwell set to kick off revived B-1B ECM upgrade effort

15/TI/20   (Item 1 from file: 636)

General Electric Offers New Efficient HVAC Motor

15/TI/21   (Item 2 from file: 636)

SDI

15/TI/22   (Item 3 from file: 636)

No Consensus On Conventional Modernization
?

21/3,K/1   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

11253745   Supplier Number: 117778525 (USE FORMAT 7 FOR FULLTEXT)
Sesame Workshop, Nonprofit Educational Organization Behind ''Sesame
  Street,'' Selects Percussion Software's Rhythmyx 5 Enterprise Content
  Management Solution for Global Content.
Business Wire, p5618
June 7, 2004
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1023

...   today announced that Sesame Workshop, the nonprofit educational
organization behind the "Sesame Street" children's **TV   program** , has
selected the company's Rhythmyx(TM) 5 Enterprise Content Management (**ECM**
) solution. Rhythmyx 5 will enhance the Workshop's global online
communications by making it easy...

21/3,K/2   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

30868894   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Reader's Digest and ECM to Develop 'Selecciones at the Movies' - Original
   TV Movie Programming Based on Stories From the World's Largest-Selling
   Spanish-Language Magazine
PR NEWSWIRE (US)
August 26, 2003
JOURNAL CODE: WPRU   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 569

      ... with ECM the Americas LLC to develop Selecciones at the Movies,
Spanish-language   made-for- **TV**   movies to be marketed throughout Latin
America and the   United States. **ECM** , the Latin-focused global **TV**
 producer and   packager, is presenting the **movies** to **selected**
advertisers. Sponsorship opportunities include show branding, product
selection and cross promotion with the magazine in addition to the **TV**
advertising time in the movies. Reader's Digest has selected eight initial
scripts based on...

21/3,K/3   (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire

01029425 20030826NYTU092 (USE FORMAT 7 FOR FULLTEXT)
Reader's Digest and ECM to Develop
PR Newswire
Tuesday, August 26, 2003 12:11 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 583

TEXT:
...with ECM the Americas LLC to
develop Selecciones at the Movies, Spanish-language made-for- **TV** movies to
be

marketed throughout Latin America and the United States. **ECM** , the
Latin-focused global **TV** producer and packager, is presenting the **movies**
to
 selected advertisers. Sponsorship opportunities include show branding,
product selection and cross promotion with the magazine in addition to the
TV
advertising time in the movies. Reader's Digest has selected eight initial
scripts based on...

28/TI/1   (Item 1 from file: 9)

EICHER GOODEARTH TO LAUNCH HI-TECH METRO DIRECTORIES

28/TI/2   (Item 1 from file: 47)

Paris 1200: Wimpfen Fragments - 13th Century Motets.(Review)

28/TI/3   (Item 2 from file: 47)

Greening the manufacturing function. (environmentally conscious manufacturing)

28/TI/4   (Item 1 from file: 80)

ECM Manufacturers Fight for Fewer Contracts

28/TI/5   (Item 2 from file: 80)

AUTOMATIC TEST EQUIPMENT

28/TI/6   (Item 1 from file: 88)

EMS 4.0 pulls together. (Expanded Memory Specification software) (technical)

28/TI/7   (Item 1 from file: 98)

Relevance of extracellular matrix, its receptors, and cell adhesion molecules in mammalian nephrogenesis.

28/TI/8   (Item 1 from file: 148)

Military avionics advances make fiction a fact.

28/TI/9   (Item 2 from file: 148)

"Aultered" states. (Ault Foods Ltd.)(includes related articles) (1992 Processor of the Year) (Cover Story)

28/TI/10   (Item 3 from file: 148)

NATO EW - at the turning point. (electronic warfare)

 28/TI/11   (Item 1 from file: 275)

**LIM EMS 4.0: a definition for the text generation of expanded memory.
  (Lotus-Intel-Microsoft Expanded Memory Specification 4.0)**

 28/TI/12   (Item 1 from file: 636)

U.S. - CONGRESS, FRUSTRATED, TACKLES EA-6B UPGRADES (JUL 11/JED)

04730297   Supplier Number: 46963307   (USE FORMAT 7 FOR FULLTEXT)
**Sun's Solaris NEO Provides Foundation For Titan Information Systems' New
   Subscriber Authorization Systems; Digital Video PassPort Enhances Pay-TV
   Operators' Control Over Security and Subscriber Access to Programming.**
Business Wire, p12110051
Dec 11, 1996
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 735

...   Subscriber Authorization System looks at each subscriber's
information and sends out access rights, or **entitlements** , to the set-top
box for each channel, **program** , and **pay** - **per** - **view**   **event** .
     Digital **Video** PassPort controls large **numbers** of subscriber
set-top decoders and sends and receives thousands of messages per second,
while...
?

```
Set      Items    Description
S1       2731     ENTITLE()MENT OR ENTITLEMENT??
S2       4948     ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-
                  ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3       29239    RANGE??(7N)(PREVIEW?? OR STORYLINE??? OR PLOT?? OR STORY()-
                  LINE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PRO-
                  GRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4       122957   (SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -
                  STORYLINE? OR PLOT?? OR STORY()LINE?? OR TRAILER?? OR CLIP?? -
                  OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR
                  EVENT??)
S5       46869    NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-
                  INE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROG-
                  RAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6       64834    TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -
                  OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-
                  OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7       161321   PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW??
                  OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD??
                  OR DOWN()LOAD??)
S8       74       AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -
                  VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR
                  GOUDSMITS M? OR GOUDSMITS, M?)
S9       0        S2(10N)S3(10N)(S6 OR S7)
S10      1        S2(10N)S3
S11      0        S10 NOT DIESEL?
S12      3        S2(25N)S3
S13      0        S12(25N)(S6 OR S7)
S14      2        S12 NOT S10
S15      14       S2(S)S3
S16      1        S15(S)(S6 OR S7)
S17      1        S16 NOT S12
S18      0        S16 NOT DISEASE?
S19      2        S1(10N)S3
S20      1        S19 NOT S12
S21      2        S1(25N)S3
S22      0        S21 NOT S19
S23      71       S2(10N)S4
S24      4        S23(10N)(S6 OR S7)
S25      4        S24 NOT S12
S26      53       S1(10N)S4
S27      4        S26(10N)(S6 OR S7)
S28      4        S27 NOT S24
S29      4        S28 NOT S12
S30      28       S2(10N)S5
S31      1        S30(10N)(S6 OR S7)
S32      1        S31 NOT (S24 OR S12 OR S28)
S33      28       S1(10N)S5
S34      0        S22 NOT S30
S35      207      (S1 OR S2)(25N)(S4 OR S5)
S36      30       S35(25N)(S6 OR S7)
S37      20       S36 NOT (S24 OR S12 OR S28 OR S32)
S38      15       S37 NOT AD=19991222:20050105/PR
S39      18       S8 AND (S1 OR S2)
S40      1        S39(10N)(S3 OR S4 OR S5)
S41      0        S40 NOT (S24 OR S12 OR S28 OR S32)
```

```
S42          5    S39(25N)(S3 OR S4 OR S5 OR S6 OR S7)
S43          4    S42 NOT (S40 OR S24 OR S12 OR S28 OR S32)
```

00784361
BURST DRIVING OF SINGLE-PANEL DISPLAY
PULSFOLGENANSTEUERUNG FUR EINZELTAFELANZEIGE
ENTRAINEMENT PAR SALVES D'UN DISPOSITIF D'AFFICHAGE A PANNEAU UNIQUE
PATENT ASSIGNEE:
   Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
      BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
   COHEN, David, A., 26 Maple Place, Ossining, NY 10562, (US)
   JANSSEN, Peter, J., P.O. Box 307, Scarborough, NY 10510, (US)
LEGAL REPRESENTATIVE:
   Groenendaal, Antonius Wilhelmus Maria et al (59381), INTERNATIONAAL
      OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)
PATENT (CC, No, Kind, Date):   EP 745309   A1   961204 (Basic)
                               EP 745309   B1   020508
                               WO 9619082   960620
APPLICATION (CC, No, Date):   EP 95936723 951129; WO 95IB1073 951129
PRIORITY (CC, No, Date): US 356939 941215
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-009/31; G09G-003/36
NOTE:
   No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200219	1074
CLAIMS B	(German)	200219	1080
CLAIMS B	(French)	200219	1187
SPEC B	(English)	200219	4739
Total word count - document A			0
Total word count - document B			8080
Total word count - documents A + B			8080

...CLAIMS de maniere selective les rangees de pixels, et une pluralite
      d'electrodes de colonnes (EC1,..., **ECM**) chacune pour transferer des
      signaux de donnees representatifs de transmissivites predeterminees a
      des pixels respectifs sur une **rangee** selectionnee des **rangees** ,
      l'appareil d'affichage **video** couleur comprenant en outre des moyens
      de balayage (16) d'une pluralite de bandes de...

00813590   **Image available**
CONDITIONAL ACCESS SYSTEM FOR CONTROLLING THE ACCESS TO A DATA CONTENT
SYSTEME D'ACCES CONDITIONNEL POUR COMMANDER L'ACCES A UN CONTENU DE DONNEES
Patent Applicant/Assignee:
   KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
      Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
   KAMPERMAN Franciscus L A J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
   VAN RIJNSOEVER Bartholomeus J, Prof. Holstlaan 6, NL-5656 AA Eindhoven,
      NL,
   GOUDSMITS Mathieu P F M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  ...receiving and storing a meta-entitlement of the end-user, said
  meta-entitlement including an **event** number **range** , and means for
  extracting from the meta-entitlement an actual entitlement identification
  including the event selected by the end-user. A **control** word from the
  entitlement **control** **message** is supplied to the descrambler if the
  entitlement identification in the **entitlement** **control** **message**
  matches the actual **entitlement** .

Detailed Description
... receiving and storing a meta-entitlement of the end-user, said
  meta-entitlement including an **event** number **range** , and means for
  extracting from the meta-entitlement an 1 5 actual entitlement
  identification including the event selected by the end-user, after which
  a **control** word from the **entitlement** **control** **message** is supplied
  to the descrambler if the **entitlement** identification in the
  entitlement **control** **message** matches the actual **entitlement** .

  According to the invention prebooked entitlements, called
  meta-entitlements are defined, which indicate a **range** of **events** from
  which a user is allowed to make one or more selections. Such an
  entitlement...to derive an actual entitlement.

  Suppose the user wants to access a program with following **ECM** 's.

  <service-nr>
  <event-nr>
  1 5 <current-date>
  The user is entitled to select the program if <service-nr> is equal, and
  < **programme** -nr> and <current-date> are in the **range** as indicated by
  the meta-entitlement.

  The smart card will generate the real entitlement from the
  meta-entitlement and **ECM** if the user decides to select the program.
  This entitlement allows decryption of the corresponding...

Claim
... for receiving and storing a meta-entitlement of the end-user, said
  metaentitlement including an **event** number **range** , and means for
  extracting from the metaentitlement an actual entitlement identification

including the event selected by the end-user, 5 after which a **control** word from the **entitlement** **control** **message** is supplied to the descranibler if the **entitlement** identification in the **entitlement** **control** **message** matches the actual **entitlement** .

2 Conditional access system according to claim 1, in which the uplink system comprises a...

...receiving and storing a meta-entitlement of the end-user, said meta-entitlement including an **event** number **range** , and further means for extracting from the meta-entitlement an actual entitlement identification including the event selected by the end-user, after which a **control** word from the **entitlement** **control** **message** is supplied to the descrambler if the **entitlement** identification in the **entitlement** **control** **message** matches the actual **entitlement** .

?

00280318   **Image available**
METHODS AND APPARATUS RELATING TO THE FORMULATION AND TRADING OF RISK MANAGEMENT CONTRACTS
PROCEDE ET APPAREIL DESTINES A L'ETABLISSEMENT ET A LA NEGOCIATION DES CONTRATS DE GESTION DE RISQUES
Patent Applicant/Assignee:
  SHEPHERD Ian Kenneth,
Inventor(s):
  SHEPHERD Ian Kenneth,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9428496 A1 19941208
  Application: WO 93AU250 19930528   (PCT/WO AU9300250)
  Priority Application: WO 93AU250 19930528
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL
  NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 41169
Fulltext Availability:
· Claims

Claim
... a
  single-dimensional entitlement function: the input term "XI' can indicate
  the number of contract **entitlement** "inflection points" the ordering
  party
  is seeking within the allowable **range** of future product **event** values
  (including the value **range** extremity

25/3,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00996435
SIGNAL GENERATION AND BROADCASTING
Signalerzeugung und Ausstrahlung
PRODUCTION DE SIGNAL ET TELEDIFFUSION
PATENT ASSIGNEE:
  Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
  , (Proprietor designated states: all)
INVENTOR:
  FICHET, Laurent, 20, rue des Francs Compagnons, F-78320 Le Mesnil Saint
    Denis, (FR)
  DE LA TULLAYE, Pierre, 7, allee Marcel Jouhandeau, F-92500 Rueil
    Malmaison, (FR)
  DE SARZENS, Philip, 24, rue de Saint Quentin, F-75010 Paris, (FR)
  JEZEQUEL, Jean-Francois, 35, rue du Commandant Kieffer, F-95240 Cormeille
    en Parises, (FR)
LEGAL REPRESENTATIVE:
  Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)
PATENT (CC, No, Kind, Date):   EP 968609   A1   000105 (Basic)
                               EP 968609   B1   021127
                               WO 98043430   981001
APPLICATION (CC, No, Date):   EP 97921749 970425;   WO 97EP2106   970425
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
INTERNATIONAL PATENT CLASS: H04N-007/167
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English) 200248   1217
      CLAIMS B   (German)   200248   1209
      CLAIMS B   (French)   200248   1373
      SPEC B   (English) 200248   13575
Total word count - document A   0
Total word count - document B   17374
Total word count - documents A + B 17374

...SPECIFICATION arranged to produce the command to be representative of
  the time of broadcast of a **particular   programme   event** , and
  preferably further the message is an **EMM** . This aspect ofthe invention
  is **particularly** relevant to **Pay   Per   View   events** , where the
  demand by viewers for authorization to watch a particular PPV event will
  generally...

25/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00972304
CONDITIONAL   ACCESS   SYSTEM   FOR   DIGITAL   DATA   BY   KEY   DECRYPTION   AND
    RE-ENCRYPTION
SYSTEME   D'ACCES CONDITIONNEL POUR DES DONNEES NUMERIQUES PAR DECRYPTAGE ET
    NOUVEAU CRYPTAGE CODES

Patent Applicant/Assignee:
  OCTALIS S A, Av. Albert Einstein 11f, B-1348 Louvain-la-Neuve, BE, BE
    (Residence), BE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  MAS RIBES Joan-Maria, Ctra. Castellvell, 18, 43206 Reus, ES, ES
    (Residence), ES (Nationality), (Designated only for: US)
Legal Representative:
  BRANTS Johan Philippe Emi (agent), De Clercq, Brants & partners, E.
    Gevaertdreef 10a, B-9830 Sint-Martens-Latem, BE,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200301807 A1 20030103 (WO 0301807)
  Application: WO 2002EP6838 20020620 (PCT/WO EP0206838)
  Priority Application: EP 2001870135 20010622
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5578

Fulltext Availability:
  Detailed Description

Detailed Description
... distributor and a potentially unlimited number of receivers.

  The content is distributed in real-time. **TV programs** are broadcasted
  at a **specific** time, and the receivers view the **programs** at that
  specific moment. This means that content and conditional access
  information (**ECM** 's and EMM's) is sent together through the same flow.
  CONFIRMATION COPY
  The broadcasted...

 25/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00924302   **Image available**
**SYSTEM FOR SECURELY DELIVERING PRE-ENCRYPTED CONTENT ON DEMAND WITH ACCESS
    CONTROL**
**SYSTEME DE REMISE SECURISEE DE CONTENU PRECHIFFRE SUR DEMANDE AVEC CONTROLE
    D'ACCES**
Patent Applicant/Assignee:
  GENERAL INSTRUMENT CORPORATION, Motorola, Inc., Broadband Communications
    Sector, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US
    (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  ON-YEE CHEN Annie, 12927 Long Boat Way, Del Mar, CA 92014, US, US
    (Residence), US (Nationality)
  CHUNG PANG SO Nicol, 2517 Dunks Ferry Road, Apt. F-301, Bensalem, PA
    19020, US, US (Residence), US (Nationality), (Designated only for: US)

OKIMOTO John I, 14139 Via Corsini, San Diego, CA 92128, US, US
    (Residence), US (Nationality), (Designated only for: US)
TANG Lawrence W, 10529 Harvest View Way, San Diego, CA 92128, US, US
    (Residence), US (Nationality), (Designated only for: US)
WAKABAYASHI Akiko, 247 Avenida Esperanza, Encinitas, CA 92024, US, US
    (Residence), JP (Nationality), (Designated only for: US)
COCHRAN Keith R, 710 Camino de la Reina, # 323, San Diego, CA 92108, US,
    US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  NWAMU Fidel D (et al) (agent), Townsend and Townsend and Crew LLP, Two
    Embarcedero Center, 8th Floor, San Francisco, CA 94111, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200258398 A2-A3 20020725 (WO 0258398)
  Application: WO 2002US999 20020114 (PCT/WO US0200999)
  Priority Application: US 2001263087 20010118; US 2001898184 20010703
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13482
Fulltext Availability:
  Detailed Description

Detailed Description
... encrypted VOD program, VOD system 108 looks up its database and
  retrieves the version of **ECM** (s) that is associated with the purchased
  program and specifies the **particular** **VOD** service tier (among the N
  possibilities) that the subscriber's terminal has been authorized for...

 25/3,K/4   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00452966   **Image available**
SIGNAL GENERATION AND BROADCASTING
PRODUCTION DE SIGNAL ET TELEDIFFUSION
Patent Applicant/Assignee:
  CANAL+ SOCIETE ANONYME,
  FICHET Laurent,
  DE LA TULLAYE Pierre,
  DE SARZENS Philip,
  JEZEQUEL Jean-Francois,
Inventor(s):
  FICHET Laurent,
  DE LA TULLAYE Pierre,
  DE SARZENS Philip,
  JEZEQUEL Jean-Francois,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9843430 A1 19981001
  Application: WO 97EP2106 19970425 (PCT/WO EP9702106)
  Priority Application: WO 97EP2106 19970425

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
   AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
   IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
   PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH KE LS MW SD SZ
   UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
   NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: French
Fulltext Word Count: 17014

Fulltext Availability:
   Detailed Description

Detailed Description
...   arranged to produce the command to be representative of the time of
   broadcast of a **particular   programme   event** , and preferably further
   the message is an **EMM** . This aspect of the invention is **particularly**
   relevant to **Pay   Per   View   events** , where the demand by viewers for
   authorization to watch a particular PPV event will generally...

29/3,K/1   (Item 1 from file: 348)

00975552
Conditional access system with programmable mode of access
System mit bedingtem Zugang mit programmierbarem Zugriffmodus
Systeme d'acces conditionnel a mode d'acces programmable
PATENT ASSIGNEE:
  THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne
    Billancourt, (FR), (applicant designated states:
    AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Campinos, Arnaldo, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100
    Boulogne, (FR)
LEGAL REPRESENTATIVE:
  Ruellan-Lemonnier, Brigitte et al (47345), THOMSON multimedia, Licensing
    and Intellectual Property, 46 Quai Alphonse Le Gallo, 92100 Boulogne
    Billancourt, (FR)
PATENT (CC, No, Kind, Date): EP 884906 A1 981216 (Basic)
APPLICATION (CC, No, Date):   EP 98401352 980608;
PRIORITY (CC, No, Date): FR 977179 970610
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-007/167; H04N-007/16;
ABSTRACT WORD COUNT: 192

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9851	1185
SPEC A	(English)	9851	3792
Total word count - document A			4977
Total word count - document B			0
Total word count - documents A + B			4977

...SPECIFICATION which the user buys access to a service for a certain
  duration, or else the " **pay   per   view** " mode for which the user buys
  the **entitlement** to watch a **particular   programme** broadcast at a
  particular time.
    The various operations attached to one and the same mode of access are
  of...

29/3,K/2   (Item 1 from file: 349)

01159697   **Image available**
METHOD AND APPARATUS FOR PROTECTING THE TRANSFER OF DATA
PROCEDE ET DISPOSITIF DE PROTECTION DE TRANSFERT DE DONNEES
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  CANDELORE Brant L, 10124 Quail Glen Way, Escondido, CA 92029-6502, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  SALTER James H (agent), Blakely, Sokoloff, Taylor & Zafman, 12400
    Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025-1026, US,
Patent and Priority Information (Country, Number, Date):

```
Patent:              WO 200482147 A2 20040923 (WO 0482147)
Application:         WO 2004US6767 20040305   (PCT/WO US04006767)
Priority Application: US 2003387163 20030311
```
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
```
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
  SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
```
Publication Language: English
Filing Language: English
Fulltext Word Count: 12478

Fulltext Availability:
  Detailed Description

Detailed Description
...   to Figure 14A, once a user of the set
  top box 1340 desires to receive **particular** type of content
  (e.g., **PPV** **movie** , broadcast channel, etc.), the set-top box
  1340 determines whether **entitlements** associated with the
  requested content are already stored therein. If the
  entitlements are not stored...

 29/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01120695   **Image available**
MECHANISM FOR PROTECTING THE TRANSFER OF DIGITAL CONTENT
MECANISME DE PROTECTION DU TRANSFERT DE CONTENU NUMERIQUE
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
     (Residence), US (Nationality)
Inventor(s):
  CANDELORE Brant L, 10124 Quail Glen Way, Escondido, CA 92029-6502, US,
Legal Representative:
  SALTER James H (et al) (agent), Blakely, Sokoloff, Taylor & Zafman, 12400
     Wishire Boulevard, 7th Floor, Los Angeles, CA 90025-1026, US,
Patent and Priority Information (Country, Number, Date):
```
  Patent:              WO 200442995 A1 20040521 (WO 0442995)
  Application:         WO 2003US35334 20031105   (PCT/WO US03035334)
  Priority Application: US 2002424381 20021105; US 2003388002 20030312; US
     2003690192 20031021; US 2003691170 20031022
```
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
```
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
  SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
```

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16623

Fulltext Availability:
  Detailed Description

Detailed Description
... back to Figure 9A. once a user of set-top
  box 820 desires to receive **particular** type of content
  (e.g., **PPV movie** , broadcast channel,, etc.),,,set-top box
  820 determines whether **entitlements** associated with the
  requested content are already stored therein. If the
  entitlements are not stored...

 29/3,K/4   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01075286   **Image available**
SEAMLESS SWITCHING BETWEEN MULTIPLE PRE-ENCRYPTED VIDEO FILES
COMMUTATION SANS INTERRUPTION ENTRE PLUSIEURS FICHIERS VIDEO PRE-CHIFFERS
Patent Applicant/Assignee:
  GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  VINCE Lawrence D, 114 Aileen Drive, Lansdale, PA 19446, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  LIPSITZ Barry R (agent), Law offices of Barry R. Lipsitz, 755 Main
    Street, Building No. 8, Monroe, CT 06468, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2003105475 A1 20031218 (WO 03105475)
  Application: WO 2003US17970 20030606   (PCT/WO US0317970)
  Priority Application: US 2002386867 20020607
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
  SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5928

Fulltext Availability:
  Detailed Description

Detailed Description
... and generates an Entitlements Management Message (EMM) for the
  requested content for delivery to the **VOD** playback device 150 along

with the requested content.

An **entitlements** control message (ECM) contains encryption information about the encryption **specific** to the **program** content which, in combination with a valid **entitlements** management message (EMM), can be used to derive an encryption key for decoding the content...

00266087
Decoding transmitted scrambled signals.
Dekodierung ubertragener verschleierter Signale.
Decodage de signaux transmis brouilles.
PATENT ASSIGNEE:
  PHILIPS ELECTRONICS UK LIMITED, (215201), Philips House 1-19 Torrington
    Place, London WC1E 7HD, (GB), (applicant designated states: GB)
  N.V. Philips' Gloeilampenfabrieken, (200769), Groenewoudseweg 1, NL-5621
    BA Eindhoven, (NL), (applicant designated states: DE;FR;IT;SE)
INVENTOR:
  Crowther, Gerald Offley, c/o Mullard Mitcham 2 New Road, Mitcham Surrey
    CR4 4XY, (GB)
  Brennand, Peter Robert, c/o Mullard Mitcham 2 New Road, Mitcham Surrey
    CR4 4XY, (GB)
LEGAL REPRESENTATIVE:
  Andrews, Arthur Stanley et al (27711), PHILIPS ELECTRONICS Patents and
    Trade Marks Department Philips House 1-19 Torrington Place, London WC1E
    7HD, (GB)
PATENT (CC, No, Kind, Date): EP 256596 A2 880224 (Basic)
                              EP 256596 A3 900321
                              EP 256596 B1 940302
APPLICATION (CC, No, Date): EP 87201500 870806;
PRIORITY (CC, No, Date): GB 8619737 860813; GB 8625487 861024
DESIGNATED STATES: DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: H04N-007/167;
ABSTRACT WORD COUNT: 156

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	753
CLAIMS B	(German)	EPBBF1	671
CLAIMS B	(French)	EPBBF1	799
SPEC B	(English)	EPBBF1	6069
Total word count - document A		·	0
Total word count - document B			8292
Total word count - documents A + B			8292

...SPECIFICATION the primary ECM packet. The status quo has now been
  achieved with user charged as **pay - per - view** .
  F21 : MON PR **ECM**   This is **an   instruction** to monitor the
  primary **ECM** 's for a change in **programme   number** (PNUM) and on **a**
  change of PNUM to go to step F14.
  F22: SCH SUB EMM   This step is...

38/3,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01079413
CONFIGURING METHOD AND DEVICE
KONFIGURIERUNGSMETHODE UND -VORRICHTUNG
PROCEDE ET DISPOSITIF DE CONFIGURATION
PATENT ASSIGNEE:
  Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
    , (Proprietor designated states: all)
INVENTOR:
  MERIC, Jerome, 55, rue de Meaux, F-60300 Senlis, (FR)
  DECLERCK, Christophe, 3, rue des Ormes Dancourt, F-28210 Senantes, (FR)
  LETOURNEUR, Patrice, 44, rue Cluseret, F-92150 Suresnes, (FR)
LEGAL REPRESENTATIVE:
  Kohrs, Martin (88662), Thomson multimedia 46, quai A. Le Gallo, 92100
    Boulogne-Billancourt, (FR)
PATENT (CC, No, Kind, Date):   EP 1053633 A1 001122 (Basic)
                               EP 1053633 B1 031015
                               WO 99040719 990812
APPLICATION (CC, No, Date):   EP 99901856 990203; WO 99IB274 990203
PRIORITY (CC, No, Date): EP 98400240 980204
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/16; H04N-007/167
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200342	883
CLAIMS B	(German)	200342	832
CLAIMS B	(French)	200342	956
SPEC B	(English)	200342	10857
Total word count - document A			0
Total word count - document B			13528
Total word count - documents A + B			13528

  ...SPECIFICATION the conditional access system selected using the
  CALL(underscore)SELECT command necessary to manage the **ECM** . Such
  information typically includes an identification of the conditional
  access system, the session number of a **PPV**   **event** , and the index
  number of a **PPV**   **event** .
    The CA device 4100 assigns an identifier "DESCR(underscore)ID" for the
  PID of the **ECM** and returns to the application, via device manager 4068,
  an address of the memory zone...

38/3,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01058948
Configuring method and device
Konfigurierungsmethode- und -Vorrichtung
Methode et dispositif de configuration
PATENT ASSIGNEE:
  CANAL+ Societe Anonyme, (1452151), 85/89 Quai Andre Citroen, 75711 Paris

Cedex 15, (FR), (Applicant designated States: all)
INVENTOR:
  Meric, Jerome, 55, rue de Meaux, 60300 Senlis, (FR)
  Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Senantes, (FR)
  Letourneur, Patrice, 44, rue Cluseret, 92150 Suresnes, (FR)
LEGAL REPRESENTATIVE:
  Cozens, Paul Dennis et al (72971), Mathys & Squire 100 Grays Inn Road,
    London WC1X 8AL, (GB)
PATENT (CC, No, Kind, Date): EP 935382 A1 990811 (Basic)
APPLICATION (CC, No, Date): EP 98400240 980204;
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/16; H04N-007/167
ABSTRACT WORD COUNT: 129
NOTE:
  Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9932	676
SPEC A	(English)	9932	10887
Total word count - document A			11563
Total word count - document B			0
Total word count - documents A + B			11563

...SPECIFICATION the conditional access system selected using the
  CALL(underscore)SELECT command necessary to manage the **ECM** . Such
  information typically includes an identification of the conditional
  access system, the session number of a **PPV** **event** , and the index
  number of a **PPV** **event** .
    The CA device 4100 assigns an identifier "DESCR(underscore)ID" for the
  PID of the **ECM** and returns to the application, via device manager 4068,
  an address of the memory zone...   ,

 38/3,K/3   (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00983310
Digital coupons for pay television
Digitale Gutscheine fur Bezahlfernsehen
Coupons numeriques pour la television a peage
PATENT ASSIGNEE:
  General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham,
    Pennsylvania 19044, (US), (Applicant designated States: all)
INVENTOR:
  Candelore, Brant, 2244 Felspar Street, San Diego, California 92109, (US)
LEGAL REPRESENTATIVE:
  Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
    Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 891084 A2 990113 (Basic)
                             EP 891084 A3 991020
APPLICATION (CC, No, Date): EP 98111861 980626;
PRIORITY (CC, No, Date): US 890066 970709
DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-007/16
ABSTRACT WORD COUNT: 141

NOTE:
  Figure number on first page: 1

  ...SPECIFICATION various programs may be offered on an individual or
  a-la-carte pay-per-view (**PPV**) basis, where the subscriber pays a fee to
  view a single program. The customer may either call ahead to the
  subscription center to have a **specific** authorization or 1entitlement
  for a single **program** sent to the customer's terminal, or the customer
  can arrange to have a certain...

  38/3,K/4   (Item 4 from file: 348)

00945736
Apparatus and method for processing packets of program component data
Vorrichtung   und   Verfahren   zur   Verarbeitung   von Datenpaketen   mit
    Programmteilen
Appareil et methode de traitement de composants d' un programme en paquets
    de donnees
PATENT ASSIGNEE:
  THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
    Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)
INVENTOR:
  Tamer, Gregory Georges, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
    92648 Boulogne Cedex, (FR)
  Deiss, Michael Scott, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
    92648 Boulogne Cedex, (FR)
  Chaney, John William, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
    92648 Boulogne Cedex, (FR)
  Hailey, James Edwin, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92648
    Boulogne Cedex, (FR)
LEGAL REPRESENTATIVE:
  Ruellan-Lemonnier, Brigitte (47341), THOMSON multimedia, 46 quai A. Le
    Gallo, 92648 Boulogne Cedex, (FR)
PATENT (CC, No, Kind, Date):   EP 858222 A1   980812 (Basic)
                               EP 858222 B1   011010
APPLICATION (CC, No, Date):   EP 98400623 950315;
PRIORITY (CC, No, Date): US 232794 940422
DESIGNATED STATES: DE; ES; FR; GB; IT
RELATED PARENT NUMBER(S) - PN (AN):
  EP 756801 (EP 95914142)
INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/24; H04N-007/167
ABSTRACT WORD COUNT: 108
NOTE:
  Figure number on first page: NONE

```
        CLAIMS A   (English)   199833        298
        CLAIMS B   (English)   200141      242
        CLAIMS B   (German)    200141      231
        CLAIMS B   (French)    200141      307
        SPEC A     (English)   199833       7922
        SPEC B     (English)   200141       7918
Total word count - document A          8221
Total word count - document B          8698
Total word count - documents A + B    16919
```

...SPECIFICATION programmed with, for example, the area code and telephone
exchange of the receiver location. The **EMM** may include data. which when
processed by the smart card, will entitle or deny reception of
particular   programs in **particular** area codes.
   The **program** provider may want the ability to entitle certain
subscribers with very short lead time, as for example for **pay** - **per** -
view   programs . The identification of **particular** subscribers may not
be available until shortly before airing of the **particular   program** .
With such short lead time it may not be possible to program **EMM** 's on a
subscriber basis. A further layer of coding may be instantly impressed on
...

...is invited to review Section 25 of THE SATELLITE BOOK. A COMPLETE GUIDE
TO SATELLITE **TV** THEORY AND PRACTICE..
   The matched filter or E-code decoder is arranged to perform a second
function, which is to detect **particular** MPEG **video** headers. These
headers are 32-bit start codes, (which is the reason the headers of
entitlement payloads are coded in 32-bit groups). If video data is lost,
an MPEG video decoder can only restart decompressing **video** data at
particular data entry points. These entry points coincide with MPEG
start codes. The decoder may be...

...SPECIFICATION programmed with, for example, the area code and telephone
exchange of the receiver location. The **EMM** may include data, which when
processed by the smart card, will entitle or deny reception of
particular   programs in **particular** area codes.
   The **program** provider may want the ability to entitle certain
subscribers with very short lead time, as for example for **pay** - **per** -
view   programs . The identification of **particular** subscribers may not
be available until shortly before airing of the **particular   program** .
With such short lead time it may not be possible to program **EMM** 's on a
subscriber basis. A further layer of coding may be instantly impressed on
...

...is invited to review Section 25 of THE SATELLITE BOOK, A COMPLETE GUIDE
TO SATELLITE **TV** THEORY AND PRACTICE.
   The matched filter or E-code decoder is arranged to perform a second
function, which is to detect **particular** MPEG **video** headers. These
headers are 32-bit start codes, (which is the reason the headers of
entitlement payloads are coded in 32-bit groups). If video data is lost,
an MPEG video decoder can only restart decompressing **video** data at
particular data entry points. These entry points coincide with MPEG
start codes. The decoder may be...

 38/3,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00857357

TIME-SHIFTED CONDITIONAL ACCESS
ZEITVERSCHOBENER BEDINGTER ZUGANG
ACCES CONDITIONNEL A DECALAGE TEMPOREL
PATENT ASSIGNEE:
  Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
    BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
  KAMPERMAN, Franciscus, Lucas, Antonius, Johannes, Prof. Holstlaan 6,
    NL-5656 AA Eindhoven, (NL)
LEGAL REPRESENTATIVE:
  Schoenmaker, Maarten et al (80492), Philips Intellectual Property &
    Standards P.O. Box 220, 5600 AE Eindhoven, (NL)
PATENT (CC, No, Kind, Date):   EP 800745   A1   971015 (Basic)
                                EP 800745   B1   030917
                                WO 97016924   970509
APPLICATION (CC, No, Date):   EP 96933569 961023;   WO 96IB1137   961023
PRIORITY (CC, No, Date): EP 95202980 951031
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-007/167; H04K-001/04
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200338	512
CLAIMS B	(German)	200338	492
CLAIMS B	(French)	200338	579
SPEC B	(English)	200338	5279
Total word count - document A			0
Total word count - document B			6862
Total word count - documents A + B			6862

  ...SPECIFICATION For example, the pay-TV operator may determine the number
    of times the recorded pay- **TV** program may be viewed, in the following
    manner. The pay- **TV** operator may convey an **entitlement** management
    message EMM to the security device SCD, which sets the condition "no
    more than 5 viewings of the pay- **TV** **program** recorded". To count the
    number of viewings, the security device SCD may comprise software for
    program identification and counting. If the security device SCD
    establishes that a pay- **TV** program is to be viewed for the sixth time,
    it inhibits the supply of control...

 38/3,K/6   (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00790957
SYSTEM FOR PROCESSING A VIDEO SIGNAL VIA SERIES-CONNECTED HIGH SPEED SIGNAL
    PROCESSING SMART CARDS
SYSTEM ZUM VERARBEITEN EINES VIDEOSIGNALES UBER SERIELL MITEINANDER
    VERBUNDENE CHIP-KARTEN MIT HOCHGESCHWINDIGKEITSSIGNALVERARBEITUNG
SYSTEME DE TRAITEMENT D'UN SIGNAL VIDEO AU MOYEN DE CARTES A PUCES A
    TRAITEMENT DE SIGNAUX HAUTE VITESSE CONNECTEES EN SERIE
PATENT ASSIGNEE:
  THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
    Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)
INVENTOR:
  CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)
LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte (47342), THOMSON multimedia, 46 quai A. Le
    Gallo, 92648 Boulogne Cedex, (FR)
PATENT (CC, No, Kind, Date):   EP 878088 A2   981118 (Basic)
                               EP 878088 B1   000126
                               WO 9607267   960307
APPLICATION (CC, No, Date):   EP 95928741 950804;   WO 95US9891   950804
PRIORITY (CC, No, Date): US 292830 940819
DESIGNATED STATES: DE; ES; FR; GB; IE; IT; SE
INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/167
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200004	1047
CLAIMS B	(German)	200004	965
CLAIMS B	(French)	200004	1197
SPEC B	(English)	200004	9247
Total word count - document A			0
Total word count - document B			12456
Total word count - documents A + B			12456

...SPECIFICATION in EMM data that corresponds to the identification
information stored in the particular smart card. **ECM** includes data such
as initialization data needed to generate descrambling keys. Thus, a
signal for a **particular   program** includes both a scrambled data
component comprising video and audio data, and a control information
component comprising **EMM** and **ECM** .
  When the user wishes to access a pay- **TV** service, smart card 180 in
Figure 1 is inserted into card reader 190. Card reader...

 38/3,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00761661
SMART CARCD, SIGNAL PROCESSING APPARATUS AND METHOD FOR SIGNAL PROCESSING
CHIPKARTE, SIGNALVERARBEITUNGSGERAT UND VERFAHREN ZUR SIGNALVERARBEITUNG
CARTE INTELLIGENTE, APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAUX
PATENT ASSIGNEE:
  THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
    Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)
INVENTOR:
  CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)
LEGAL REPRESENTATIVE:
  Ruellan-Lemonnier, Brigitte (47342), THOMSON multimedia, 46 quai A. Le
    Gallo, 92648 Boulogne Cedex, (FR)
PATENT (CC, No, Kind, Date):   EP 782807 A1   970709 (Basic)
                               EP 782807 B1   011114
                               WO 9606504   960229
APPLICATION (CC, No, Date):   EP 95928755 950804;   WO 95US9953   950804
PRIORITY (CC, No, Date): US 292830 940819
DESIGNATED STATES: AT; DE; ES; FR; GB; IE; IT; NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/167; G07F-007/10
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count

```
            CLAIMS B   (English)   200146      997
            CLAIMS B   (German)    200146      907
            CLAIMS B   (French)    200146     1148
            SPEC B     (English)   200146     7140
Total word count - document A            0
Total word count - document B        10192
Total word count - documents A + B   10192
```

...SPECIFICATION in EMM data that corresponds to the identification information stored in the particular smart card. **ECM** includes data such as initialization data needed to generate descrambling keys. Thus, a signal for a **particular program** includes both a scrambled data component comprising video and audio data, and a control information component comprising **EMM** and **ECM** .

When the user wishes to access a pay- **TV** service, smart card 180 in Figure 1 is inserted into card reader 190. Card reader...

38/3,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00733570
CONDITIONAL ACCESS INFORMATION ARRANGEMENT
INFORMATIONSANORDNUNG FUR BEDINGTEN ZUGANG
STRUCTURES D'INFORMATIONS A ACCES CONDITIONNEL
PATENT ASSIGNEE:
  THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
    Indianapolis, IN 46290-1024, (US), (applicant designated states:
    DE;ES;FR;GB;IT)
INVENTOR:
  TAMER, Gregory, George, 8447 Castle Ridge Lane, Indianapolis, IN 46256,
    (US)
  DEISS, Michael, Scott, 1103 Indian Pipe Lane, Zionsville, IN 46077, (US)
  CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)
  HAILEY, James, Edwin, 7239 Creekside Lane, Indianapolis, IN 46250, (US)
LEGAL REPRESENTATIVE:
  Ruellan-Lemonnier, Brigitte et al (47342), THOMSON multimedia, 46 quai A.
    Le Gallo, 92648 Boulogne Cedex, (FR)
PATENT (CC, No, Kind, Date):   EP 756801   A1   970205 (Basic)
                               EP 756801   B1   981014
                               WO 9529560   951102
APPLICATION (CC, No, Date):   EP 95914142 950315;   WO 95US3540   950315
PRIORITY (CC, No, Date): US 232794 940422
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/167;
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text  Language   Update    Word Count
        CLAIMS B   (English)   9842       759
        CLAIMS B   (German)    9842       764
        CLAIMS B   (French)    9842       956
        SPEC B     (English)   9842      7928
Total word count - document A            0
Total word count - document B        10407
Total word count - documents A + B   10407
```

...SPECIFICATION programmed with, for example, the area code and telephone

exchange of the receiver location. The **EMM** may include data, which when processed by the smart card, will entitle or deny reception of **particular programs** in **particular** area codes.

The **program** provider may want the ability to entitle certain subscribers with very short lead time, as for example for **pay** - **per** - **view programs** . The identification of **particular** subscribers may not be available until shortly before airing of the **particular program** . With such short lead time it may not be possible to program **EMM** 's on a subscriber basis. A further layer of coding may be instantly impressed on . . .

...is invited to review Section 25 of THE SATELLITE BOOK, A COMPLETE GUIDE TO SATELLITE **TV** THEORY AND PRACTICE,.

The matched filter or E-code decoder is arranged to perform a second function, which is to detect **particular** MPEG **video** headers. These headers are 32-bit start codes, (which is the reason the headers of **entitlement** payloads are coded in 32-bit groups). If video data is lost, an MPEG video decoder can only restart decompressing **video** data at **particular** data entry points. These entry points coincide with MPEG start codes. The decoder may be...

 38/3,K/9   (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00587487
Four-lines serial bus
Serieller vieradriger Bus
Bus serie a quatre lignes
PATENT ASSIGNEE:
  THOMSON multimedia, (1090172), 46 quai A. Le Gallo, 92648 Boulogne Cedex,
    (FR), (applicant designated states: DE;ES;FR;GB;IT)
INVENTOR:
  Saini, Jasjit, 4, rue des Berberis Rosenwiller, F-67560 Rosheim, (FR)
  Randrianalimanana, Pax, 10, rue Jules Verne, F-67400 Illkirch, (FR)
  Gauche, Laurent, 131A route de Lyon, F-67400 Illkirch-Graf, (FR)
  Vine, Francis, 4, Park View, Winchmore Hill, London N21 1QX, (GB)
LEGAL REPRESENTATIVE:
  Hartnack, Wolfgang, Dipl.-Ing. et al (78102), Deutsche Thomson-Brandt
    GmbH Licensing & Intellectual Property, Gottinger Chaussee 76, 30453
    Hannover, (DE)
PATENT (CC, No, Kind, Date): EP 577006 A1 940105 (Basic)
                              EP 577006 B1 981216
APPLICATION (CC, No, Date):   EP 93110081 930624;
PRIORITY (CC, No, Date): EP 92401847 920629; EP 92403310 921207
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-013/42;
ABSTRACT WORD COUNT: 237

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English)   9851   844
      CLAIMS B   (German)   9851   781
      CLAIMS B   (French)   9851   951
      SPEC B   (English)   9851   5833
Total word count - document A   0
Total word count - document B   8409
Total word count - documents A + B   8409

...SPECIFICATION to the user. The PNUMB sub-field can be used to associate a customer's **pay** - **per** - **view** agreement with a **particular** **programme**
.

The various combinations of NOENT, NOCRED and RPPV/x are as follows:
The odd/even control word sub-fields are coded as follows:

Input **EMM** -U
  DECODER --> CASS

  Command Type: 4
  CASS --> DECODER

  Response Type: 4 The INDMES sub-field...

 38/3,K/10   **(Item 1 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00782238   **Image available**
VDSL MULTIPLE SERVICE PROVIDER INTERFACE
INTERFACE VDSL (LIGNE D'ABONNE NUMERIQUE A GRAND DEBIT) POUR FOURNISSEURS DE SERVICES MULTIPLES
Patent Applicant/Assignee:
  QWEST COMMUNICATIONS INTERNATIONAL INC, 1801 California Street, 38th
    floor, Denver, CO 80202, US, US (Residence), US (Nationality)
Inventor(s):
  BRODIGAN Donald L, 6281 W. 110th Avenue, Broomfield, CO 80020, US,
Legal Representative:
  SMITH Ralph E (et al) (agent), Brooks & Kushman, 22nd floor, 1000 Town
    Center, Southfield, MI 48075, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200115372 A2-A3 20010301 (WO 0115372)
  Application: WO 2000US18434 20000705 (PCT/WO US0018434)
  Priority Application: US 99379412 19990824
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3342

Fulltext Availability:
  Detailed Description

Detailed Description
... data VPI/VCI assignments including the data rate. For example, when
  authorized by a VIP, **PPV** and IPPV entitlements are sent from the VIP
  entitlement manager to the network entitlement manager, and forwarded to
  the BDT for addition to the customer **entitlement** profile.

  ACC4000D command sets supported across the business system

interface to the network **entitlement** manager include the following: 001
Synchronization; 602 Date/Time sequence **number** synchronization; 630
download (ADD)/digital **events** ; 631 Download (Modify) digital events;
633 Download (Delete) digital events; 660 Add new STB; 662...

38/3,K/11   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00509367   **Image available**
CONFIGURING METHOD AND DEVICE
PROCEDE ET DISPOSITIF DE CONFIGURATION
Patent Applicant/Assignee:
  CANAL+ SOCIETE ANONYME,
  MERIC Jerome,
  DECLERCK Christophe,
  LETOURNEUR Patrice,
Inventor(s):
  MERIC Jerome,
  DECLERCK Christophe,
  LETOURNEUR Patrice,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9940719 A1 19990812
  Application: WO 99IB274 19990203   (PCT/WO IB9900274)
  Priority Application: EP 98400240 19980204
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
  GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
  ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
  DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
  NE SN TD TG
Publication Language: English
Fulltext Word Count: 13078

Fulltext Availability:
  Detailed Description

Detailed Description
... to the conditional access system selected using the CALL-SELECT
  command necessary to manage the **ECM** . Such information typically
  includes an identification of the conditional access system, the session
  number of a **PPV** **event** , and the index **number** of a **PPV** **event** .

  The CA device 4100 assigns an identifier "DESCR-ID" for the PID of the
  ECM and returns to the application, via device manager 4068, an address
  of the memory zone...

38/3,K/12   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00376181   **Image available**
TIME-SHIFTED CONDITIONAL ACCESS
ACCES CONDITIONNEL A DECALAGE TEMPOREL
Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,
Inventor(s):
KAMPERMAN Franciscus Lucas Antonius Johannes,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9716924 A1 19970509
  Application: WO 96IB1137 19961023 (PCT/WO IB9601137)
  Priority Application: NL 95202980 19951031
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 5631

Fulltext Availability:
  Claims

Claim
...   For example, the pay-TV operator may determine the number of times the
    recorded pay- **TV** program may be viewed, in the following manner. The
    pay- **TV** operator may convey an **entitlement** management **message**   **EMM**
    to the security device SCD, which
    t:)
    sets the condition "no more than 5 viewings of the pay- **TV**   **program**
    recorded". To count the **number** of viewings, the security device SCD may
    comprise software for program
    In
    identification and counting. If the security device SCD establishes that
    a pay- **TV** program is to be viewed for the sixth firne, it inhibits the
    supply of control...

 38/3,K/13   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00324759
**SYSTEM FOR PROCESSING A VIDEO SIGNAL VIA SERIES-CONNECTED HIGH SPEED SIGNAL
    PROCESSING SMART CARDS**
**SYSTEME DE TRAITEMENT D'UN SIGNAL VIDEO AU MOYEN DE CARTES A PUCES A
    TRAITEMENT DE SIGNAUX HAUTE VITESSE CONNECTEES EN SERIE**
Patent Applicant/Assignee:
  THOMSON CONSUMER ELECTRONICS INC,
  CHANEY John William,
Inventor(s):
  CHANEY John William,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9607267 A2 19960307
  Application: WO 95US9891 19950804 (PCT/WO US9509891)
  Priority Application: US 94292830 19940819
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
  KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ
  TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11033

Fulltext Availability:
  Detailed Description

Detailed Description
...   in EMM data that corresponds
  to the identification information stored in the particular smart
  card. **ECM** includes data such as initialization data needed to
  generate descrambling keys. Thus, a signal for a **particular**
  1 5 **program** includes both a scrambled data component comprising
  video and audio data, and a control information component
  comprising **EMM** and **ECM** .

  When the user wishes to access a pay- **TV** service,
  smart card 180 in Figure 1 is inserted into card reader 190. Card
  reader...

  38/3,K/14   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00323996   **Image available**
SMART-CARD BASED ACCESS CONTROL SYSTEM WITH IMPROVED SECURITY
SYSTEME D'AUTORISATION D'ACCES UTILISANT DES CARTES INTELLIGENTES, A
    SECURITE AMELIOREE
Patent Applicant/Assignee:
  THOMSON CONSUMER ELECTRONICS INC,
  CHANEY John William,
Inventor(s):
  CHANEY John William,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9606504 A1 19960229
  Application: WO 95US9953 19950804   (PCT/WO US9509953)
  Priority Application: US 94292830 19940819
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
  KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ
  TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8410

Fulltext Availability:
  Detailed Description

Detailed Description
...   in EMM data that corresponds
  to the identification information stored in the particular smart
  card. **ECM** includes data such as initialization data needed to
  generate descrambling keys. Thus, a signal for a **particular**
   program includes both a scrambled data component comprising
  video and audio data, and a control information component
  comprising **EMM** and **ECM** .

  When the user wishes to access a pay- **TV** service,
  smart card 180 in Figure I is inserted into card reader 190. Card
  reader...

00311408 .
CONDITIONAL ACCESS INFORMATION ARRANGEMENT
STRUCTURES D'INFORMATIONS A ACCES CONDITIONNEL
Patent Applicant/Assignee:
  THOMSON CONSUMER ELECTRONICS INC,
Inventor(s):
  TAMER Gregory George,
  DEISS Michael Scott,
  CHANEY John William,
  HAILEY James Edwin,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9529560 A1 19951102
  Application: WO 95US3540 19950315 (PCT/WO US9503540)
  Priority Application: US 94794 19940422
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  BR CA CN JP KR MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 9646
Fulltext Availability:
  Detailed Description

Detailed Description
... programmed with, for
  example, the area. code and telephone exchange of the receiver
  location. The **EMM** may include data, which when processed by
  the smart card, will entitle or deny reception of **particular**
   programs in **particular** area codes.

  The **program** provider may want the ability to entitle
  certain subscribers with very short lead time, as for example for
   pay - **per** - **view** programs. The identification of particular
  I 0 subscribers may not be available until shortly before airing of the
   particular   **program** . With such short lead time it may not be
  possible to program **EMM** 's on a subscriber basis. A further layer
  of coding may be instantly impressed on...

00857357
TIME-SHIFTED CONDITIONAL ACCESS
ZEITVERSCHOBENER BEDINGTER ZUGANG
ACCES CONDITIONNEL A DECALAGE TEMPOREL
PATENT ASSIGNEE:
  Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
    BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
  KAMPERMAN, Franciscus, Lucas, Antonius, Johannes, Prof. Holstlaan 6,
    NL-5656 AA Eindhoven, (NL)
LEGAL REPRESENTATIVE:
  Schoenmaker, Maarten et al (80492), Philips Intellectual Property &
    Standards P.O. Box 220, 5600 AE Eindhoven, (NL)
PATENT (CC, No, Kind, Date): EP 800745   A1   971015 (Basic)
                              EP 800745   B1   030917
                              WO 97016924 970509
APPLICATION (CC, No, Date):   EP 96933569 961023; WO 96IB1137   961023
PRIORITY (CC, No, Date): EP 95202980 951031
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-007/167; H04K-001/04
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200338	512
CLAIMS B	(German)	200338	492
CLAIMS B	(French)	200338	579
SPEC B	(English)	200338	5279
Total word count - document A			0
Total word count - document B			6862
Total word count - documents A + B			6862

...SPECIFICATION receiving end comprises a security device. The security
  device performs operations which relate to the **entitlement** of a
  receiving end, i.e. it executes pay **TV** operator commands. The
  operations include decryption of encrypted control words and, if
  appropriate, decryption of **entitlement** management **messages** **EMM** . The
  security device may also perform other operations concerning conditions
  which limit the right of...are housed in a tamper-resistant integrated
  circuit TRIC. Accordingly, digital recording of any pay- **TV** program is
  hindered, because the digital video signal DV cannot be easily accessed.
    The security device SCD decrypts the **entitlement** **control** **messages**
  ECM and **entitlement** management **message** EMM supplied thereto by the
  demultiplexer DMX. The decryption of the entitlement management message
  EMM...

...the transport stream TS. Thus, the video tape recorder VTR may digitally
  record any pay- **TV** program in a scrambled form, together with the
  accompanying **entitlement** **control** **messages** **ECM** . When the recorded
  pay- **TV** program is played back, a recorded transport stream TS-R is
  supplied to the demultiplexer...

...TS is recorded, the following problem may occur in trying to view the
  recorded pay- **TV** program. At the time the recorded pay- **TV** program is
  played back, an **entitlement** management **message** **EMM** may have been

the descrambler DSC.

The invention, which is applied in the pay- **TV** system described above, provides the advantage that the pay-TV operator is effectively the "master...

...This means that the pay-TV operator can inhibit any viewing of the recorded pay- **TV** program if he so desires. The control words CW-R, needed for viewing the recorded pay- **TV** program, are retrieved from the recorded **entitlement** control messages ECM -R and the recorded key-related data KRD-R, in the security device SCD. It is the **TV** operator who controls the operations in the security device SCD. Thus, he may impose conditions...

...For example, the pay-TV operator may determine the number of times the recorded pay- **TV** program may be viewed, in the following manner. The pay- **TV** operator may convey an **entitlement** management **message EMM** to the security device SCD, which sets the condition "no more than 5 viewings of the pay- **TV** **program** recorded". To count the **number** of viewings, the security device SCD may comprise software for program identification and counting. If...

...condition, which the pay-TV operator may impose, is the period during which the pay- **TV** program may be viewed. Again, this condition may be conveyed to the security device SCD by means of an **entitlement** management **message EMM** . The security device SCD may comprise software to determine the age of the program which is supplied to the security device SCD. The above-mentioned time-stamped **messages** , for example comprised in the **entitlement control messages ECM** , can be used for that purpose.

The invention further provides the advantage that, in principle, the recorded pay- **TV** program can be viewed only if the security device SCD which was used for recording...does not lend his security device SCD, the friend in question must request the pay- **TV** operator to grant him a viewing **entitlement** .

In addition, the invention provides the advantage that the recorded pay- **TV** programs are copyright-protected. It will be clear from the foregoing that any copy of...

 43/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01136648   **Image available**
DIVIDED RIGHTS IN AUTHORIZED DOMAIN
DROITS DIVISES EN DOMAINE AUTORISE
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated
    states except: US)
Patent Applicant/Inventor:
  KAMPERMAN Franciscus L A J, c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven,
    NL, NL (Residence), NL (Nationality), (Designated only for: US)
  SCHRIJEN Geert J, c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL, NL
    (Residence), NL (Nationality), (Designated only for: US)
  VAN DEN HEUVEL Sebastiaan A F A, c/o Prof. Holstlaan 6, NL-5656 AA
    Eindhoven, NL, NL (Residence), NL (Nationality), (Designated only for:
    US)
Legal Representative:
  GROENENDAAL Antonius W M (agent), Philips Intellectual Property &

Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200459451 A1 20040715 (WO 0459451)
  Application: WO 2003IB5725 20031121 (PCT/WO IB03005725)
  Priority Application: EP 200280568 20021230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
  LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
  SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5915

Fulltext Availability:
  Detailed Description

Detailed Description
... rights to content should be clearly defined and protected. For
  example, in the domain of **TV** systems, a content right (also called **ECM**
  in pay- **TV** context) describes what is allowed with said content, and a
  usage right (also called ENIM in pay- **TV** context) authorizes a person to
  use a certain content right, and can also describe what...

 43/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00814195   **Image available**
CONDITIONAL ACCESS SYSTEM
SYSTEME A ACCES CONDITIONNEL POUR COMMANDER L'ACCES A UN CONTENU DE DONNEES
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  VAN RIJNSOEVER Bartholomeus J, Prof. Holstlaan 6, NL-5656 AA Eindhoven,
    NL,
  KAMPERMAN Franciscus L A, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
  GOUSMITS Mathieu P F M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GRAVENDEEL Cornelis (agent), Internationaal Octrooibureau B.V., Prof
    Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200147266 A2-A3 20010628 (WO 0147266)
  Application: WO 2000EP12383 20001208 (PCT/WO EP0012383)
  Priority Application: EP 99204470 19991222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  JP KR
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English

Fulltext Word Count: 2043

Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... storing the bought entitlements at the end-user.

In conditional access systems several types of **entitlements** exist.

A subscription **entitlement** gives access to a (range of) service(s), while a **payper** - **view** (**PPV**) **entitlement** gives access to a (range of) specific prograin(s) in a service. A **PPV** - **entitlement** could be considered as a limited subscription **entitlement** .

As shown in the figure the uplink system I of the conditional access system comprises an **ECM** generator 2 to the inputs of which a scene number generator 3 and a control...

...is provided, whicb comprises an ECM decoder IO. The smart card 9 has a PPU **entitlement** part I I comprising a scene number storage 12 and a scene counter 13. The divisible **PPV** - **entitlement** part 14 of the smart card 9 comprises a scene number storage 15. A content...

...indicates that the scene counter decrements if the scene is accessed.

In case of divisible **PPV** and sequential scene numbers the control word is provided to the descrambler 8 in the receiver 7 if there is a match between **ECM** and stored entitlement and if the scene number in the **ECM** is not lower than the scene number recorded in the **entitlement** . Also, the scene number of the **ECM** is recorded in the divisible **PPV** **entitlement** part. If the scene number in the **ECM** is lower than the scene number in the **entitlement** part, then the end-user tries to access the same scene for the second time...

Claim
... Smart card suitable for a conditional access system according to claim 1, comprising a divisible **pay** - **per** - **view** **entitlement** part including a scene number storage.

16 Smart card suitable for a conditional access system...

 43/3,K/4   **(Item 3 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00376181   **Image available**
TIME-SHIFTED CONDITIONAL ACCESS
ACCES CONDITIONNEL A DECALAGE TEMPOREL
Patent Applicant/Assignee:
  PHILIPS ELECTRONICS N V,
  PHILIPS NORDEN AB,
Inventor(s):
  KAMPERMAN Franciscus Lucas Antonius Johannes,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9716924 A1 19970509
  Application: WO 96IB1137 19961023   (PCT/WO IB9601137)
  Priority Application: NL 95202980 19951031

Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... IB96/01137 comprises a security device. The security device performs
   operations which relate to the **entitlement** of a receiving end, i.e. it
   executes pay **TV** operator commands. The operations include decryption of
   encrypted control words and, if appropriate, decryption of **entitlement**
   management **messages** **EMM** . The security device may also perform other
   operations concerning conditions which limit the right of...

Claim
... are housed in a tamper-resistant integrated circuit TRIC. Accordingly,
   digital recording of any pay- **TV** program is hindered, because the
   digital video signal DV cannot be easily accessed.
   The security device SCD decrypts the **entitlement**   **control**   **messages**
   ECM
   and **entitlement** management **message** EMM supplied thereto by the
   demultiplexer DMX. The decryption of the entitlement management message
   EMM...the transport stream TS. Thus, the video tape recorder VTR may
   digitally record any pay- **TV** program in a scrambled form, together with
   the accompanying **entitlement**   **control**   **messages**   **ECM** . When the
   recorded pay- **TV** prograin is played back, a recorded transport stream
   TS-R is supplied to the demultiplexer...

...TS is recorded, the following
   problem may Occur in trying to view the recorded pay- **TV** program. At the
   time the recorded pay- **TV** program is played back, an **entitlement**
   management **message** **EMM** may have been conveyed to the security device
   SCD since the time when the recording...

...new authorization key. Consequently, the security device SCD will not be
   able to retrieve proper **control** words CW from the recorded **entitlement**
     control   **messages**   **ECM** -R supplied thereto. In the Fig. I pay- **TV**
   system, the security device SCD provides keyrelated data KRD, when the
   pay- **TV** program is recorded. The key-related data KRD is combined with
   the transport stream TS...

...pay-TV system. In Fig. 2a, the operations which are required to view a
   pay- **TV** program at the time of its transmission are indicated in
   relatively thin lines. A decryption DMM of an **entitlement** management
   message **EMM** , conveyed to the security device SCD, provides an
   authorization key AK. A writing WKT of...performed in the security device
   SCD, in a third implementation of the Fig. I pay- **TV** system. Relatively
   thin-lined operations in Fig. 4a are identical to those in Fig. 2a. In
   Fig. 4a, a writing WMM of an **entitlement** management **message** EMM,
   which is conveyed to the security device SCD, into the memory MEM takes
   place...

...entitlement management message EMM is stored, which result comprises the
   authorization key AK, but the **entitlement** management **message** **EMM**
   itself is not stored. Subject to the condition of the identification of

may be conveyed to the security device SCD by means of an **en**titlement management **message** **EMM** . The security device SCD may comprise software to determine the age of the program which is supplied to the security device SCD. The above-mentioned time-stamped **messages** , for example comprised in the **entitlement** **control** **messages** **ECM** , can be used for that purpose.
The invention further provides the advantage that, in principle, the recorded pay- **TV** program can be viewed only if the security device SCD which was used for recording...

...does not lend his security device SCD, the friend in question must request the pay- **TV** operator to grant him a viewing **entitlement** . In addition, the invention provides the advantage that the recorded pay- **TV** programs are copyright-protected. It will be clear ftoin the foregoing that any copy of...

Set	Items	Description
S1	378	ENTITLE()MENT OR ENTITLEMENT??
S2	1182	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	15882	RANGE??(7N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()LI-NE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRA-M?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	66693	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR E-VENT??)
S5	27281	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-INE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGR-AM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	119030	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	415126	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	38	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	1	S2 AND S3 AND (S6 OR S7)
S10	4	S2 AND (S4 OR S5) AND (S6 OR S7)
S11	1	S2 AND S3
S12	3	S10 NOT S9
S13	0	S11 NOT S10
S14	1	S2 AND S3
S15	0	S14 NOT S9
S16	2	S1 AND S3
S17	1	S16 NOT S10
S18	15	S2 AND S4
S19	12	S18 NOT (S10 OR S16)
S20	0	S19 AND (S6 OR S7)
S21	8	S19 NOT AD=19991222:20010105/PR
S22	4	S21 NOT AD=20010105:20050105/PR
S23	11	S1 AND S4
S24	4	S23 NOT (S10 OR S16 OR S18)
S25	6	S2 AND S5
S26	5	S25 NOT (S10 OR S16 OR S18 OR S24)
S27	0	S26 AND (S6 OR S7)
S28	4	S1 AND S5
S29	2	S28 NOT (S10 OR S16 OR S18 OR S24 OR S26)
S30	0	S29 NOT (TELEPHONE? OR REAL()ESTATE??)
S31	7	S8 AND (S1 OR S2)
S32	1	S31 AND (S3 OR S4 OR S5)
S33	0	S32 NOT (S28 OR S10 OR S16 OR S18 OR S24 OR S26)
S34	6	S31 NOT (S32 OR S28 OR S10 OR S16 OR S18 OR S24 OR S26)
S35	2	S34 AND (S6 OR S7)
S36	4	S34 NOT S35

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014358575   **Image available**
WPI Acc No: 2002-179276/200223
XRPX Acc No: N02-136381
   Conditional access system e.g. for satellite and cable TV **systems**
   where more user influence is allowed in content control and selection
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); GOUDSMITS M P F M
   (GOUD-I); KAMPERMAN F L A J (KAMP-I); VAN RIJNSOEVER B J (VRIJ-I)
Inventor: GOUDSMITS M P F M; KAMPERMAN F L A J; VAN RIJNSOEVER B J
Number of Countries: 029 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200147265	A1	20010628	WO 2000EP12382	A	20001208	200223	B
EP 1161835	A1	20011212	EP 2000989961	A	20001208	200223	
			WO 2000EP12382	A	20001208		
US 20010014970	A1	20010816	US 2000741916	A	20001220	200223	
KR 2001102312	A	20011115	KR 2001710660	A	20010822	200231	
JP 2003533075	W	20031105	WO 2000EP12382	A	20001208	200377	
			JP 2001547867	A	20001208		

Priority Applications (No Type Date): EP 99204469 A 19991222
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200147265	A1	E	10	H04N-007/16	

   Designated States (National): JP KR
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
   MC NL PT SE TR

EP 1161835	A1	E		H04N-007/16	Based on patent WO 200147265

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

US 20010014970	A1			H04N-007/16	
KR 2001102312	A			H04N-007/167	
JP 2003533075	W		13	H04N-007/167	Based on patent WO 200147265

   Conditional access system e.g. for satellite and cable TV **systems**
   where more user influence is allowed in content control and selection

Abstract (Basic):
...   The uplink system includes a content scrambler, an **entitlement**
   control message generator, and a transmitter for transmitting
   scrambled content. At the receiver an **entitlement   control   message**
   decoder supplies a **control** word to the descrambler for descrambling a
   part of the received scrambled content for which...
...   The receiver receives and stores a meta-entitlement of the
   end-user, which includes an **event** number **range** . A **control** word
   from the **entitlement   control   message** is supplied to the
   descrambler if the **entitlement** identification in the **entitlement**
   control   message matches the actual **entitlement** .
      ...

...transmitted from a data content source in an uplink system e.g. for
   satellite and **cable   TV** systems
...Title Terms: **CABLE** ;
?

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015574751   **Image available**
WPI Acc No: 2003-636908/200360
Related WPI Acc No: 2000-672590; 2003-311631; 2003-331360; 2003-429690;
  2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-709140;
  2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728;
  2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385;
  2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-506623
  **Decoding and decryption of partially encrypted information such as
  television programs uses set top box to decode combined clear audio and
  audio encrypted using two systems**
Patent Assignee: SONY ELECTRONICS INC (SONY)
Inventor: CANDELORE B L; PEDLOW L M; UNGER R A
Number of Countries: 102 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200365724	A1	20030807	WO 2002US40045	A	20021213	200360	B
AU 2002367531	A1	20030902	AU 2002367531	A	20021213	200426	
EP 1461950	A1	20040929	EP 2002806702	A	20021213	200463	
			WO 2002US40045	A	20021213		
KR 2004070299	A	20040806	KR 2004710483	A	20040702	200480	

Priority Applications (No Type Date): CA 2406329 A 20021001; US 200237498 A
  20020102
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 200365724	A1 E 46	H04N-007/16	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
    ZA ZM ZW
    Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
    GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
    ZW

| AU 2002367531 | A1 | H04N-007/16 | Based on patent WO 200365724 |
| EP 1461950 | A1 E | H04N-007/16 | Based on patent WO 200365724 |

    Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
    GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

| KR 2004070299 | A | H04N-007/167 | |

Abstract (Basic):
...   mode audio is multiplexed with the encrypted audio from system
    (124), system information (128) and **program specific** information
    (129) and the signal is delivered via a **cable** system (32) to set top
    boxes (36,136) and can be decrypted by conditional access systems
    (40,140) for playing on **TV** sets (44,144). **Entitlement   control**
    messages provide authorized set top boxes with access criteria and
    de-scrambling keys.
...   included for an electronic storage medium with instructions, for
    an electronic transmission medium, for a **TV** device, for a content
    player and for a set top box...

...Decoding and decrypting of partially encrypted **TV** information...

... **Cable** system (32

12/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012115505   **Image available**
WPI Acc No: 1998-532417/199845
Related WPI Acc No: 1998-363264; 1998-363265; 1998-363266; 1998-363267;
  1998-483347; 1998-483348; 1998-483351; 1998-521657; 1998-532203;
  1998-532205; 1998-532207; 1998-532416; 1998-532419; 1998-532420;
  1998-532421; 1998-534103; 2003-559619
XRPX Acc No: N98-415424
  Conditional access system for subscription broadcasting, e.g. pay - per
  - view **satellite television - subscriber's set-top decoder communicates
  directly, via a dedicated link, with a subscriber authorisation system,
  so that request for** selected programme **can be authorised**
Patent Assignee: CANAL+ SA (CANA-N); BAYASSI M (BAYA-I); DE LA TULLAYE P
  (DTUL-I); JEZEQUEL J (JEZE-I)
Inventor: BAYASSI M; DE LA TULLAYE P; JEZEQUEL J
Number of Countries: 078 Number of Patents: 016
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9843426	A1	19981001	WO 97EP2108	A	19970425	199845	B
ZA 9703605	A	19981028	ZA 973605	A	19970425	199848	
AU 9727704	A	19981020	AU 9727704	A	19970425	199909	
NO 9904532	A	19991119	WO 97EP2108	A	19970425	200006	
			NO 994532	A	19990917		
EP 974229	A1	20000126	EP 97921751	A	19970425	200010	
			WO 97EP2108	A	19970425		
CZ 9903310	A3	20000712	WO 97EP2108	A	19970425	200040	
			CZ 993310	A	19970425		
CN 1254473	A	20000524	CN 97182179	A	19970425	200043	
HU 200001482	A2	20000928	WO 97EP2108	A	19970425	200062	
			HU 20001482	A	19970425		
KR 2000076400	A	20001226	WO 97EP2108	A	19970425	200134	
			KR 99708503	A	19990917		
MX 9908539	A1	20000801	MX 998539	A	19990917	200137	
JP 2001519124	W	20011016	WO 97EP2108	A	19970425	200176	
			JP 98543219	A	19970425		
NZ 500198	A	20011130	NZ 500198	A	19970425	200207	
			WO 97EP2108	A	19970425		
BR 9714601	A	20020910	BR 9714601	A	19970425	200269	
			WO 97EP2108	A	19970425		
RU 2196389	C2	20030110	WO 97EP2108	A	19970425	200319	
			RU 99121864	A	19970425		
US 20040068541	A1	20040408	WO 97EP2108	A	19970425	200426	
			US 99400314	A	19990921		
			US 2000571011	A	20000515		
			US 2001780625	A	20010212		
			US 20017662	A	20011210		
			US 2002201641	A	20020724		
IL 131949	A	20040620	IL 131949	A	19970425	200446	
			WO 97EP2108	A	19970425		

Priority Applications (No Type Date): EP 97400650 A 19970321
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9843426	A1 E 71	H04N-007/16	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
      CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
US UZ VN YU
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG
ZA 9703605   A   29 H04N-000/00
AU 9727704   A   Based on patent WO 9843426
NO 9904532   A   H04N-007/16
EP 974229   A1 E   Based on patent WO 9843426
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
LT LU LV MC NL PT RO SE SI
CZ 9903310   A3   H04N-007/16   Based on patent WO 9843426
CN 1254473   A   H04N-007/16
HU 200001482   A2   H04N-007/16   Based on patent WO 9843426
KR 2000076400   A   H04N-007/16   Based on patent WO 9843426
MX 9908539   A1   H04N-007/16
JP 2001519124   W   72 H04N-007/16   Based on patent WO 9843426
NZ 500198   A   H04N-007/14   Based on patent WO 9843426
BR 9714601   A   H04N-007/16   Based on patent WO 9843426
RU 2196389   C2   H04H-009/00   Based on patent WO 9843426
US 20040068541 A1   G06F-015/16   Cont of application WO 97EP2108
                                           Cont of application US 99400314
                                           Cont of application US 2000571011
                                           Cont of application US 2001780625
                                           Cont of application US 20017662
IL 131949   A   H04N-007/16   Based on patent WO 9843426

  Conditional access system for subscription broadcasting, e.g. pay - per
  - view **satellite television...**

  **...communicates directly, via a dedicated link, with a subscriber
  authorisation system, so that request for** selected   programme **can be
  authorised**

  ...Abstract (Basic): from the decoder box or telephone are processed by the
     subscriber authorisation system which generates **entitlement
     management messages** (**EMM**) to allow encrypted **programme** data to be
     decrypted for a **particular** subscriber. The EMMs are sent directly
     back to the subscriber via the dedicated link...

  12/3,K/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011686369   **Image available**
WPI Acc No: 1998-103279/199810
XRPX Acc No: N98-082828
  **Unauthorised use prevention method for distribution networks - involves
  decoding encoded programme data with received control words, in which
  control words or their cryptograms are passed to receivers encoded with**
  programme   specific **and network** specific **keys**
Patent Assignee: DEUT TELEKOM AG (DEBP)
Inventor: SCHWENK J
Number of Countries: 018 Number of Patents: 002
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 822719   A2   19980204   EP 97111417   A   19970705   199810   B
DE 19630707   A1   19980205   DE 1030707   A   19960730   199811

Priority Applications (No Type Date): DE 1030707 A 19960730

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 822719   A2 G   5 H04N-007/167
   Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
   MC NL PT SE
DE 19630707   A1   5 H04L-012/22

... **control words, in which control words or their cryptograms are passed
   to receivers encoded with** programme   specific **and network** specific
   keys

...Abstract (Basic): The control words or their cryptograms are passed to
      the receivers, being encoded with appropriate **programme   specific**
      and network **specific** keys...

...The encoded control words are decoded in the receivers, using **programme
      specific** and network **specific** keys, which are passed to authorised
      receivers. The encoded **control** words can be passed in an **entitlement
      control   message** (**ECM**). There may also be a double encryption of
      the message...

...USE - For pay **TV** .

DIALOG(R)File 350:Derwent WPIX

014138763   **Image available**
WPI Acc No: 2001-622974/200172
  Method for managing and controlling entitlement **in chargeable**
  broadcasting system for supporting various pay-per-view services
Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N)
Inventor: CHO H S; CHO J M; EUN S G; KIM S H; KIM Y H
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
KR 2001047389 A   20010615 KR 9951590   A   19991119 200172 B

Priority Applications (No Type Date): KR 9951590 A 19991119
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
KR 2001047389 A   1 H04N-007/167

  Method for managing and controlling entitlement **in chargeable**
  broadcasting system for supporting various pay-per-view services

Abstract (Basic):
...   A method for managing and controlling an **entitlement** in a
    chargeable broadcasting system for supporting various pay-view services
    is provided to classify...
...   22, 23, 24, 25, 26). Mask information(22) is a value for
    deciding an application **range** of a theme ID(23) and an **event**
    ID(24). The mask information(22) is identified with the sum of sizes of
    two...
?

06357269   **Image available**
PROGRAM TRANSMITTER, PROGRAM RECEIVER AND PROGRAM TRANSMITTING METHOD

PUB. NO.:   11-298877 [JP 11298877 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(s):   IHARA KIICHI
APPLICANT(s): SONY CORP
APPL. NO.:   10-094376 [JP 9894376]
FILED: April 07, 1998 (19980407)

ABSTRACT
... content by transmitting reference data before a prescribed time of
transmission start of a receivable **specific   program** by viewer's
consent.

SOLUTION: A host processor 64 decides whether or not the start of a
specific   program is notified based on decode information **ECM** of a
program itself outputted from a demultiplexer 69 and when the start of the
specific   program is notified, it retrieves electronic **program** guide
EPG and acquires information on the notified **specific   program** . Then,
the processor 64 controls the operation of an EPG processor 71 according to
the acquired **specific   program** information and shows a message which
introduces the **specific   program** in a telop format, e.g. on a display
screen according to a **video** signal SV. When the **specific   program** is
introduced in this way, the processor 64 executes audiovisual processing of
the **specific   program** when a user wants to view it by operating an
operation element arranged on a...

013943264   **Image available**
WPI Acc No: 2001-427477/200146
XRPX Acc No: N01-317103
   **Semiconductor device for electric capacitor microphone, has electrode
   connected between input terminal of input transistor and insulating film**
Patent Assignee: SANYO ELECTRIC CO LTD (SAOL)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000306923	A	20001102	JP 9961414	A	19990309	200146	B

Priority Applications (No Type Date): JP 9935974 A 19990215
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000306923	A		8	H01L-021/337	

Abstract (Basic):
...   insulating film. An electrode is connected between input
   terminal of input transistor and the insulating **film** . The **specific**
   resistance of the semiconductor layer provided on the lower portion of
   extension electrode, is 100...
...   For electric capacitor microphone (**ECM**).

DIALOG(R)File 350:Derwent WPIX
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013010373
WPI Acc No: 2000-182225/200016
Related WPI Acc No: 1999-302255; 1999-571993; 2000-052944; 2000-062144;
  2000-399323; 2000-579289; 2000-587307; 2002-362214; 2003-897910;
  2004-021918; 2004-070610; 2004-625084; 2004-774790
XRAM Acc No: C00-056937
  **Detecting catalytic activity of glycosidase, particularly to identify
  inhibitors of heparinase, potentially useful e.g. as antimetastatic or
  anti-inflammatory agents**
Patent Assignee: HADASIT MEDICAL RES SERVICES & DEV (HADA-N); INSIGHT
  STRATEGY & MARKETING LTD (INSI-N); FRIEDMAN M M (FRIE-I); HADASIT MEDICAL
  RES & DEV LTD (HADA-N)
Inventor: AYAL-HERSHKOVITZ M; BEN-ARTZI H; MIRON D; PECKER I; PELEG Y;
  VLODAVSKY I
Number of Countries: 087   Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200003036	A1	20000120	WO 99US15643	A	19990712	200016	B
AU 9948697	A	20000201	AU 9948697	A	19990712	200028	
US 6190875	B1	20010220	US 97922170	A	19970902	200112	
			US 98109386	A	19980702		
			US 98113168	A	19980710		
NO 200100136	A	20010309	WO 99US15643	A	19990712	200123	
			NO 2001136	A	20010109		
EP 1097241	A1	20010509	EP 99932382	A	19990712	200128	
			WO 99US15643	A	19990712		
JP 2002520029	W	20020709	WO 99US15643	A	19990712	200259	
			JP 2000559256	A	19990712		
AU 758485	B	20030320	AU 9948697	A	19990712	200329	

Priority Applications (No Type Date): US 98113168 A 19980710; US 97922170 A
  19970902; US 98109386 A 19980702
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200003036	A1	E	69	C12Q-001/34	

    Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
    CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
    LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
    SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9948697	A				Based on patent WO 200003036
US 6190875	B1			C12Q-001/34	CIP of application US 97922170
					CIP of application US 98109386
					CIP of patent US 5968822
NO 200100136	A			C12Q-000/00	
EP 1097241	A1	E		C12Q-001/34	Based on patent WO 200003036

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002520029	W		86	C12Q-001/34	Based on patent WO 200003036
AU 758485	B			C12Q-001/34	Previous Publ. patent AU 9948697
					Based on patent WO 200003036

Abstract (Basic):
Technology Focus:

...   natural enzyme. (II), which may be radiolabeled, in vitro or
     metabolically, is an extracellular matrix (**ECM**), or part of it,
     particularly associated molecules such as heparan sulfate proteoglycans
     (HSPG), soluble HSPG derived from **ECM** , or HS, heparin,
     heparin-Sepharose or their derivatives. (II) may be immobilized...

...In quantitative assays, reducing groups associated with degradation
     products are determined (i.e. each cleavage **event** is detected),
     particularly by a tetrazolium blue assay or a reducing sugar assay,
     and the assay is linear...

  22/3,K/4   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009037182
WPI Acc No: 1992-164540/199220
XRPX Acc No: N92-123426
  **Dual use of CONFIG.SYS device driver installation line - saving minimal
  set-up required program parameters in driver installation line of
  CONFIG.SYS file used to start device driver**
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
RD 336014   A   19920410   199220 B

Priority Applications (No Type Date): RD 92336014 A 19920320
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
RD 336014   A   1 G06F

...Abstract (Basic): Upon finding a page that is not usable by the **EMM**
     device driver, the setup program will make an entry on the device
     driver installation line...
...memory page becomes available, the setup program will remove the
     unusable page entry from the **EMM** device driver installation line in
     the CONFIG.SYS file. This memory page may now be **selected** by the
     setup **program** for use by the **EMM** device driver...

...ADVANTAGE - Information needed for any future **EMM** setup is kept in a
     place where it is readily available and will not be...

24/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016157939   **Image available**
WPI Acc No: 2004-315826/200429
XRPX Acc No: N04-251643
  **Advertising control method involves receiving advertisement
  identification message at mobile device and sending to content display
  unit of personal video recorder**
Patent Assignee: NDS LTD (NDSN-N)
Inventor: ATLOW S; DEUTSCH J; HIBSHOOSH E; RICHARDSON D; TSURIA Y; WALD S
Number of Countries: 106 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200427538	A2	20040401	WO 2003IL737	A	20030907	200429	B
AU 2003259538	A1	20040408	AU 2003259538	A	20030907	200462	

Priority Applications (No Type Date): US 2003441943 P 20030123; US
  2002411653 P 20020918
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200427538	A2	E	68	G06F-000/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL
    IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI
    NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
    US UZ VC VN YU ZA ZM ZW
    Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
    GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
    UG ZM ZW
AU 2003259538 A1   G06F-000/00   Based on patent WO 200427538

Abstract (Basic):
...   in the CDU of personal video recorder. The content such as
   music, interactive game or **video** is **selected** from the AIM stored in
   the CDU and displayed on the CDU.
...   2) object comprising **entitlement** store and communication unit;
   mobile device...

24/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015715853   **Image available**
WPI Acc No: 2003-778053/200373
Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021;
   2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140;
   2003-744465; 2003-801037; 2003-801549; 2003-801728; 2003-854288;
   2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692;
   2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-623529
  **Digital video content encryption method involves selecting packets of
  specified type, based on selection criterion and selected packets are
  encrypted using encryption keys to generate encrypted packets**
Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I)
Inventor: CANDELORE B L
Number of Countries: 002 Number of Patents: 002
Patent Family:

```
Patent No       Kind    Date     Applicat No      Kind    Date       Week
US 20030159140  A1   20030821   US 200237498       A    20020102    200373  B
                                 US 200237499       A    20020102
                                 US 200237914       A    20020102
                                 US 200238032       A    20020102
                                 US 200238217       A    20020102
                                 US 2002409675      P    20020909
                                 US 2002319169      A    20021213
CA 2437018      A1   20040309   CA 2437018          A    20030812    200429
```

Priority Applications (No Type Date): US 2002409675 P 20020909; US
   200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102;
   US 200238032 A 20020102; US 200238217 A 20020102; US 2002319169 A
   20021213
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030159140 A1   14 H04N-007/167 CIP of application US 200237498
                                       CIP of application US 200237499
                                       CIP of application US 200237914
                                       CIP of application US 200238032
                                       CIP of application US 200238217
                                       Provisional application US 2002409675
CA 2437018   A1 E   H04N-007/167

Abstract (Basic):
...   Several packets containing digital **video** content are received
   and certain packets of **specific** type are selected according to a
   selection criterion. The selected packets are encrypted using a...
...   The use of multiple selective encryption using multiple
   entitlement keys, enables extending the life of program content with a
   limited playback life. The program...

 24/3,K/3   **(Item 3 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013717468   **Image available**
WPI Acc No: 2001-201692/200120
XRPX Acc No: N01-143792
   **Electronic transaction implementing method involves indicating whether
   bid input to offer program is acceptable, based on which one user binds
   another user to provide transfer authorized by digital certificate**
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE); RSA SECURITY INC
   (RSAS-N)
Inventor: JAKOBSSON B M; JUELS A
Number of Countries: 001 Number of Patents: 001
Patent Family:
```
Patent No       Kind    Date     Applicat No     Kind    Date       Week
US 6157920       A    20001205   US 9766143        A    19971119   200120  B
                                 US 98134012       A    19980814
```

Priority Applications (No Type Date): US 9766143 P 19971119; US 98134012 A
   19980814
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6157920   A   14 G06F-017/60   Provisional application US 9766143

Abstract (Basic):
...   user is generated. The piece of digital cash includes a digital
   certificate and an offer **program** . The offer **program** specifies a

particular transfer to be made by the first user and authorized by the digital certificate, for...

...trade can be initiated immediately without contacting the originator directly, communication bottlenecks are avoided. Since **entitlement** authentication, fairness, perfect matchmaking and integrity are provided, X-cash is compact and permit offers...

 24/3,K/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012362768   **Image available**
WPI Acc No: 1999-168875/199915
XRPX Acc No: N99-123165
  Restricting access to transmitted programming using program identifiers
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)
Inventor: WOOL A
Number of Countries: 030 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 899956	A2	19990303	EP 98306200	A	19980804	199915	B
CN 1209017	A	19990224	CN 98118377	A	19980814	199927	
CA 2244013	A	19990215	CA 2244013	A	19980728	199931	
JP 11155138	A	19990608	JP 98226640	A	19980811	199933	
KR 99023603	A	19990325	KR 9833036	A	19980814	200024	
CA 2244013	C	20020108	CA 2244013	A	19980728	200206	
US 6373948	B1	20020416	US 97912186	A	19970815	200232	
KR 317395	B	20020116	KR 9833036	A	19980814	200254	

Priority Applications (No Type Date): US 97912186 A 19970815
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 899956	A2	E	21	H04N-007/167	

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1209017	A			H04N-007/16	
CA 2244013	A			H04L-009/14	
JP 11155138	A		17	H04N-007/16	
KR 99023603	A			H04N-007/167	
CA 2244013	C	E		H04L-009/14	
US 6373948	B1			H04N-007/167	
KR 317395	B			H04N-007/167	Previous Publ. patent KR 99023603

Abstract (Basic):
...   A head-end server preferably executes an **entitlement** information distribution process (800) and the topic(s) of **programs** containing **programs selected** by a customer are identified in step (810), the prefix mask is determined and the...

...of basis vectors is calculated, converted into the corresponding basis matrix in step (850) and **entitlement** information is generated and downloaded to the set-top terminal in step (870).
...   The drawing is a flow chart describing an exemplary **entitlement** information distribution process operation implemented by head-end server...

... **Entitlement** information distribution process (800...

... **Selected** **program** identification step (810

08073955   **Image available**
CONTENTS PROVIDING SYSTEM, CONTENTS RECEIVER, VIEWING LISTENING CONTROL
PROGRAM AND STORAGE MEDIUM FOR VIEWING LISTENING CONTROL

PUB. NO.:   2004-186714 [JP 2004186714 A]
PUBLISHED: July 02, 2004 (20040702)
INVENTOR(s):   IWASE MUNEHIKO
APPLICANT(s): PIONEER ELECTRONIC CORP
APPL. NO.:   2002-347469 [JP 2002347469]
FILED: November 29, 2002 (20021129)

ABSTRACT
...like in a receiver.

SOLUTION: A viewing / listening control card incorporates a count function
of **ECM** packets to apply absolute control to a viewing / listening term of
validity of a pay **program** , and transmits the **number** of **ECM** packets
(number of valid viewing / listening packets) corresponding to legitimate
viewing / listening, which is included in an **EMM** or the like, to a
reception contractor. In a reception contractor's house, first the number
of valid viewing / listening packets transmitted while being included in
the **EMM** are set to the viewing / listening control card inserted to the
receiver. Then the viewing / listening control card counts the number of
received **ECM** packets included in program data of the pay program during
viewing / listening of the pay program and deactivates a decoding key
generating function after the received number of **ECM** packets exceed the
number of valid viewing / listening packets.

06817712
FACSIMILE TERMINAL

PUB. NO.:   2001-045205 [JP 2001045205 A]
PUBLISHED: February 16, 2001 (20010216)
INVENTOR(s):   NAGIRA JIRO
               SONE MASAKI
APPLICANT(s): KYOCERA MITA CORP
APPL. NO.:   11-214742 [JP 99214742]
FILED: July 29, 1999 (19990729)

ABSTRACT

PROBLEM TO BE SOLVED: To relieve a load of a center station by counting the
number of times of occurrences of **events** on a transmission control
procedure caused on communication and allowing a facsimile terminal to send
...

... an event that requires transmission of a transmission control procedure
on the occurrence of the **event** and designates **number** of times of the
occurrence of events that requires transmission of the transmission control

procedure...

... communication, if it takes place, such as a fall-down and re-transmission of an **ECM** (error correction mode) takes place after the occurrence of a plurality of number of times...

 26/3,K/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05978913   **Image available**
DATA-TRANSMITTING AND RECEIVING DEVICES, AND DATA TRANSMISSION AND RECEPTION SYSTEM

PUB. NO.:   10-262013 [JP 10262013 A]
PUBLISHED: September 29, 1998 (19980929)
INVENTOR(s):   SATO MASAHIKO
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   09-066538 [JP 9766538]
FILED: March 19, 1997 (19970319)

                         ABSTRACT
...SOLUTION: A packet of images and voices of the scrambled information and the common information (**ECM**) attached to the programs are recorded on a recording medium 20 among plural received program data. The corresponding relation between the **program   numbers** and the recording positions is recorded on a management table 21. After this recording, the...

... data are sent to a receiver from an uplink station, together with an individual information (**EMM**) of the viewer who recorded the programs. At the time the desired programs are selectively...

... 20, an equipment control part 10 generates a scramble key by using the received latest **EMM** and the reproduced **ECM** . Then a separation part 6 selects the data on the reproduced programs.

 26/3,K/4   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

009121417   **Image available**
WPI Acc No: 1992-248854/199230
XRPX Acc No: N92-190071
  Superconductive polarisation control network for solid state array
  transmitter - includes thin film superconducting phase shifter, hybrid
  and transmission lines enclosed in cryogenic package
Patent Assignee: US SEC OF AIR FORCE (USAF)
Inventor: RYAN P A; WHITE A W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 1079	H	19920707	US 91660311	A	19910225	199230	B

Priority Applications (No Type Date): US 91660311 A 19910225
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 1079	H		6	H01Q-021/06	

...Abstract (Basic): Polarisation Control Networks (PCNs) are used in
   active solid-state array transmitters. Polarisation **ECM** requires
   precise polarisation control of the transmitted signal. By implementing
   the polarisation control networks in...

...Each polarisation control network unit includes a **number** of thin **film**
   superconducting phase shifters, hybrids and transmission lines
   enclosed in a cryogenic package. If more power...

26/3,K/5   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008114956   **Image available**
WPI Acc No: 1990-001957/199001
XRPX Acc No: N90-001373
  **Scrambling and descrambling process for pay-television signals - having
  line permutation at transmitter represented by codeword which is sent to
  receiver i unused lines**
Patent Assignee: LAB EURO RECH ELTRN AVANCEES (CSFC); LAB EURO RECH ELTRN
  (CSFC); LAB EURO RECH ELTRN (EURE-N)
Inventor: DANIEL P; GUILLON J; RENARD F; GUILLON J C
Number of Countries: 016   Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2631193	A	19891110	FR 886121	A	19880506	199001	B
EP 426923	A	19910515	EP 89403070	A	19891108	199120	N
WO 9107849	A	19910530				199124	N
BR 8907873	A	19920128				199209	N
US 5224161	A	19930629	WO 89FR579	A	19891108	199327	
			US 91720517	A	19910708		
EP 426923	B1	19970122	EP 89403070	A	19891108	199709	N
DE 68927708	E	19970306	DE 627708	A	19891108	199715	N
			EP 89403070	A	19891108		
KR 160456	B1	19990115	KR 91700689	A	19910703	200036	N

Priority Applications (No Type Date): FR 886121 A 19880506; EP 89403070 A
  19891108; DE 627708 A 19891108; KR 91700689 A 19910703
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2631193	A		14		
EP 426923	A				

  Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

WO 9107849	A				

  Designated States (National): BR KR US

US 5224161	A		6	H04N-007/167	Based on patent WO 9107849
EP 426923	B1	F	11	H04N-007/167	

  Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

DE 68927708	E			H04N-007/167	Based on patent EP 426923
KR 160456	B1			H04N-007/167	

...Abstract (Basic): which, reconverted to analogue (7), is transmitted (8)
   together with a codeword representing current access (**ECM**) and
   authorised (**EMM**) data for a specific user...
...Abstract (Equivalent): in the unused lines of at least some of the
   transmitted pictures, these data being **entitlement   messages (EMM)**
   specific to each user, and access messages (**ECM**) common to all the
   users, the said method being characterized in that the chrominance

burst...

...Abstract (Equivalent): of the transmitters having, a digital scrambling circuit for selectively encrypting frames of the composite **video** signal. A pseudo-random **number** generator circuit is coupled to the digital scrambling circuit. A control unit is coupled to the pseudo-random number generator circuit. A device produces encrypted **entitlement messages** (**EMM**) specific to an individual receiver and produces access messages (**ECM**) common to all receivers. A device for inserting the **EMM** and **ECM** messages into the transmitted encrypted composite video signal...

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014358576   **Image available**
WPI Acc No: 2002-179277/200223
XRPX Acc No: N02-136382
  Conditional access system for satellite or cable TV **content allowing more flexible access to content**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); GOUDSMITS M P F M
  (GOUD-I); KAMPERMAN F A J (KAMP-I); VAN RIJNSOEVER B J (VRIJ-I)
Inventor: GOUSMITS M P F M; **KAMPERMAN F L A ; VAN RIJNSOEVER B J ;**
  GOUDSMITS M P F M ; KAMPERMAN F A J ; KAMPERMAN F L A J
Number of Countries: 029 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200147266	A2	20010628	WO 2000EP12383	A	20001208	200223	B
US 20010012366	A1	20010809	US 2000741921	A	20001220	200223	
EP 1188315	A2	20020320	EP 2000990676	A	20001208	200227	
			WO 2000EP12383	A	20001208		
KR 2001102320	A	20011115	KR 2001710675	A	20010822	200231	
JP 2003518841	W	20030610	WO 2000EP12383	A	20001208	200339	
			JP 2001547868	A	20001208		
US 6633644	B2	20031014	US 2000741921	A	20001220	200368	

Priority Applications (No Type Date): EP 99204470 A 19991222
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 200147266	A2 E	8 H04N-007/16	

    Designated States (National): JP KR
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE TR

US 20010012366	A1	H04N-007/167	
EP 1188315	A2 E	H04N-007/16	Based on patent WO 200147266

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI TR

KR 2001102320	A	H04N-007/167	
JP 2003518841	W	14 H04N-007/173	Based on patent WO 200147266
US 6633644	B2	H04N-007/167	

  Conditional access system for satellite or cable TV **content allowing more flexible access to content**
...Inventor: **KAMPERMAN F L A** ...

... **VAN RIJNSOEVER B J** ...

... **GOUDSMITS M P F M** ...
... **KAMPERMAN F A J** ...

... **KAMPERMAN F L A J**

Abstract (Basic):
...   The uplink system e.g. broadcast **TV** system has a scene
    identification generator connected to an **entitlement control
    message** generator for incorporating the scene identifications in the
    entitlement control messages .
...   To control the access to e.g. satellite or **cable TV** content
    ...
...Title Terms: **CABLE ;**

35/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011294494   **Image available**
WPI Acc No: 1997-272399/199724
XRPX Acc No: N97-225698
  **Conditional access system which converts scrambled information - converts
  scrambled data into descrambled data based on control words, and manages
  supply of words to descrambler and supplies control word regeneration
  data, not equal to stored control words, with recording of scrambled data**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS
  ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG); US PHILIPS CORP
  (PHIG)
Inventor: **KAMPERMAN F L A J ; KAMPERMAN F L**
Number of Countries: 020 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9716924	A1	19970509	WO 96IB1137	A	19961023	199724	B
EP 800745	A1	19971015	EP 96933569	A	19961023	199746	
			WO 96IB1137	A	19961023		
JP 10512428	W	19981124	WO 96IB1137	A	19961023	199906	
			JP 97517183	A	19961023		
KR 98701184	A	19980430	WO 96IB1137	A	19961023	199914	
			KR 97704431	A	19970627		
US 5991400	A	19991123	US 96741155	A	19961029	200002	
EP 800745	B1	20030917	EP 96933569	A	19961023	200369	
			WO 96IB1137	A	19961023		
DE 6920630012	E	20031023	DE 96630012	A	19961023	200377	
			EP 96933569	A	19961023		
			WO 96IB1137	A	19961023		
ES 2206594	T3	20040516	EP 96933569	A	19961023	200434	

Priority Applications (No Type Date): EP 95202980 A 19951031
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9716924	A1	E	22	H04N-007/167	

    Designated States (National): JP KR
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 800745	A1	E		H04N-007/167	Based on patent WO 9716924

    Designated States (Regional): DE ES FR GB IT

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10512428	W		25	H04N-007/16	Based on patent WO 9716924
KR 98701184	A			H04N-007/167	Based on patent WO 9716924
US 5991400	A			H04L-009/00	
EP 800745	B1	E		H04N-007/167	Based on patent WO 9716924

    Designated States (Regional): DE ES FR GB IT

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 6920630012	E			H04N-007/167	Based on patent EP 800745
					Based on patent WO 9716924
ES 2206594	T3			H04N-007/167	Based on patent EP 800745

Inventor: **KAMPERMAN F L A J ...**

... **KAMPERMAN F L**

...Abstract (Basic): of the control words to the descrambler. The system
    supplies control word regeneration data (KRD, **ECM**) which are unequal
    to the control words, to a storage medium (VTR), in association with...

...channels or programmes only accessible to those viewers who pay for

these services, i.e. **pay** - **per** - **view** . Enables system operator to
determine number of times recorded information may be accessed, period
during...

36/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016541201   **Image available**
WPI Acc No: 2004-699923/200468
XRPX Acc No: N04-554997
  Method of associating data with users for digital rights management,
  involves concealing user identity, such that it is possible to check for
  association of user identifying information and data, for given user
  identity
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: CONRADO C V; **KAMPERMAN F L A J** ; SCHRIJEN G J
Number of Countries: 108 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200484050   A1   20040930   WO 2004IB50277 A   20040318 200468   B

Priority Applications (No Type Date): EP 2003100737 A 20030321
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200484050 A1 E 33 G06F-001/00
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
    CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
    IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
    NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
    UA UG US UZ VC VN YU ZA ZM ZW
    Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
    GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ
    TR TZ UG ZM ZW

  ...Inventor: **KAMPERMAN F L A J**

Abstract (Basic):
  ...   Provides privacy for authorized users while allowing proper and
     secure check of the user's **entitlements** · to authorization...

36/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015952020   **Image available**
WPI Acc No: 2004-109861/200411
XRPX Acc No: N04-087452
  Data stream decoding apparatus used for communication purposes, has
  secure device which transmits control words to decoder for data
  decryption
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: **KAMPERMAN F L A J** ; **VAN RIJNSOEVER B J**
Number of Countries: 104 Number of Patents: 002
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200408765   A1   20040122   WO 2003IB2839   A   20030620 200411   B
AU 2003242929 A1   20040202   AU 2003242929   A   20030620 200450

Priority Applications (No Type Date): EP 200277837 A 20020711
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200408765 A1 E 18 H04N-007/167

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO
NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
UG ZM ZW
AU 2003242929 A1   H04N-007/167 Based on patent WO 200408765

Inventor: **KAMPERMAN F L A J ...**

... VAN RIJNSOEVER B J

Abstract (Basic):
...   A secure device (18) with memory space, stores authorization
   keys along with **entitlement** information. An execution unit in the
   secure device, transmits control words to a decoder (14...
...   provides backward compatibility, and thereby increases security
   against tampering by preventing later replay of different **entitlement**
   information...

 36/3,K/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015525075   **Image available**
WPI Acc No: 2003-587225/200355
XRPX Acc No: N03-467618
 **Distribution of encrypted information e.g. for distributing encrypted
 information, involves distributing stream having units of information
 successively, each linked to respective time-stamp**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: RIJCKAERT A M A; **VAN RIJNSOEVER B J**
Number of Countries: 103 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200358956	A1	20030717	WO 2002IB5272	A	20021209	200355	B
AU 2002353296	A1	20030724	AU 2002353296	A	20021209	200421	
EP 1472865	A1	20041103	EP 2002788317	A	20021209	200472	
			WO 2002IB5272	A	20021209		

Priority Applications (No Type Date): EP 200275144 A 20020114
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200358956 A1 E 17 H04N-005/913
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
   OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
   YU ZA ZM ZW
   Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
   GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
   ZW
AU 2002353296 A1   H04N-005/913 Based on patent WO 200358956
EP 1472865   A1 E   H04N-005/913 Based on patent WO 200358956
   Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
   GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

...Inventor: **VAN RIJNSOEVER B J**

Abstract (Basic):
...   stream having the units of information successively, each linked
    to a respective time-stamp. An **entitlement** management **message** is
    sent to the secure device, the **entitlement** **message** includes a
    specification of a range of time-stamp values and entitling the secure
    device...

...a starting point prior to a time value of the time stamps distributed
    concurrent the **entitlement** **message** .
...   The figure shows an **entitlement** time range...

   36/3,K/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011582841   **Image available**
WPI Acc No: 1997-559322/199751
XRPX Acc No: N97-466144
   **Security device for managing access to data - has pointer with element
   identifying data stream, of which additional data forms part, with
   pointer having label identifying information delivery system and label
   identifying original information delivery system**
Patent Assignee: PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG
   ); KONINK PHILIPS ELECTRONICS NV (PHIG); US PHILIPS CORP (PHIG)
Inventor: BOSVELD F; **KAMPERMAN F L A J**
Number of Countries: 021 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9742762	A2	19971113	WO 97IB459	A	19970430	199751	B
WO 9742762	A3	19971211				199816	
EP 856226	A2	19980805	EP 97917368	A	19970430	199835	
			WO 97IB459	A	19970430		
JP 11510021	W	19990831	JP 97539682	A	19970430	199946	
			WO 97IB459	A	19970430		
KR 99028744	A	19990415	WO 97IB459	A	19970430	200027	
			KR 98700042	A	19980106		
US 20010005901	A1	20010628	US 97851304	A	19970505	200138	
CN 1190516	A	19980812	CN 97190486	A	19970430	200273	

Priority Applications (No Type Date): EP 96201239 A 19960506
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9742762	A2	E	12	H04N-007/16	

   Designated States (National): CN JP KR
   Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
   NL PT SE

EP 856226	A2	E			Based on patent WO 9742762

   Designated States (Regional): DE ES FR GB IT SE

JP 11510021	W		16	H04H-001/02	Based on patent WO 9742762
KR 99028744	A			H04N-007/16	Based on patent WO 9742762
US 20010005901	A1			H04N-005/445	
CN 1190516	A			H04N-007/16	

...Inventor: **KAMPERMAN F L A J**

...Abstract (Basic): allows or disallows descrambling depending on whether
    or not information contains data objects which represent **entitlement**